



## DOCUMENT RESUME

ED 107 857

95

CE 003 960

AUTHOR Okes, Imogene E.  
TITLE Participation in Adult Education: Final Report, 1969.  
INSTITUTION National Center for Educational Statistics (DHEW/OE), Washington, D.C.  
REPORT NO 75-165  
PUB DATE 74  
NOTE 146p.; The typeface in some tables is too small to reproduce  
AVAILABLE FROM Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (Stock Number 1780-01374, \$2.95)

EDRS PRICE MF-\$0.76 PLUS POSTAGE. HC Not Available from EDRS.  
DESCRIPTORS \*Adult Education; Adult Education Programs; Adult Students; Data Collection; Educational Finance; \*National Surveys; \*Participant Characteristics; Statistical Surveys; \*Tables (Data)

## ABSTRACT

The Adult Education Survey, a supplement to the Bureau of the Census Current Population Survey for May 1969, which recorded course information for the 13,041,000 adults age 17 and over (10.0 percent of the adult population of the U.S.) who during the previous 12 months had participated in adult education, provided the data on which the report is based. The report presents and discusses 35 tables arranged in seven sections, progressing from general to specific, which correlate socioeconomic data with adult education data. Section one describes the characteristics of the adult population of the nation. Section two reveals the extent of individual participation in adult education. Section three presents characteristics of participants as related to aspects of adult education. Section four compares adult education aspects with each other. Section five recombines critical information about participants and their adult education. Section six provides insights into specific concerns of adult educators. Section seven compares classifications assigned to activities by coders and those selected by participants. Six bar charts are included, as are five appendixes containing a glossary, selected references, sample selection and standard error information, demographic questions, and the adult education survey instruments. (Author/JR)

\*\*\*\*\*  
\* Documents acquired by ERIC include many informal unpublished \*  
\* materials not available from other sources. ERIC makes every effort \*  
\* to obtain the best copy available. nevertheless, items of marginal \*  
\* reproducibility are often encountered and this affects the quality \*  
\* of the microfiche and hardcopy reproductions ERIC makes available \*  
\* via the ERIC Document Reproduction Service (EDRS). EDRS is not \*  
\* responsible for the quality of the original document. Reproductions \*  
\* supplied by EDRS are the best that can be made from the original. \*  
\*\*\*\*\*

# ADULT EDUCATION

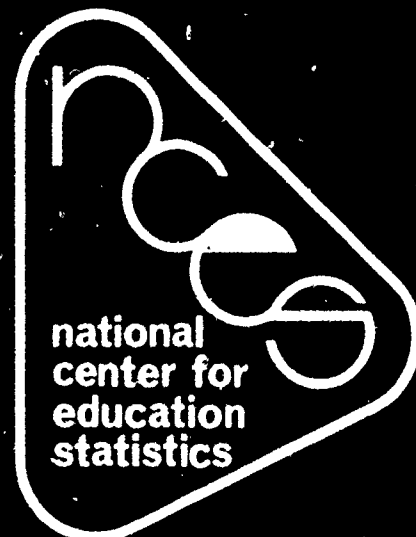
MAR 20 1975 E

## Participation in Adult Education

### Final Report, 1969

U.S. DEPARTMENT OF HEALTH  
EDUCATION & WELFARE  
NATIONAL INSTITUTE OF  
EDUCATION

THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT THE NATIONAL INSTITUTE OF EDUCATION OR THE DEPARTMENT OF HEALTH, EDUCATION & WELFARE.



## HIGHLIGHTS

Of the 13,041,000 participants in adult education in 1969, 15.2 percent had less than a high school education, 38.9 percent were high school graduates, and 46.0 percent were college undergraduates, graduates, or postgraduates.

Median family income in 1969 was \$10,485 for participants in adult education and \$8,282 for nonparticipants.

Over three-quarters of the people enrolled in adult education in 1969 were also working; 76.2 percent of the 13,041,000 adult education participants were employed compared to 56.2 percent of the 106,556,000 nonparticipants.

The largest proportion, or 71.1 percent, of the 13,041,000 participants in 1969 engaged in only one adult education activity; 15.9 percent engaged in two activities; 5.6 percent, in three, 5.7 percent, in four, and 1.6 percent, in five or more activities.

Four-year colleges and universities sponsored adult education for the largest group of students, 21.7 percent of all 13,041,000 participants. Other major sponsors were: Employers, 17.4 percent; public grade schools and high schools, 15.1 percent; public 2-year colleges and technical institutes, 11.9 percent; community organizations, 11.9 percent; and private trade, vocational, or business schools, 11.5 percent.

Participants cited the following categories to describe their adult education activities: Occupational training, 44.6 percent; general education, 27.2 percent; personal and family living, 12.1 percent; social and recreational lessons, 11.9 percent; community issues, 9.2 percent; and other categories, 3.9 percent.

The median amount of time spent on all adult education activities during the year was 44.49 instructional hours per participant.

Self- or family-financing of adult education was involved for 57.2 percent of all 13,041,000 participants; employers paid for 27.3 percent; governmental agencies paid for 10.1 percent; 13.1 percent of the participants had other means of financing; 2.4 percent did not know who paid for their adult education; and 1.0 percent did not respond.

# Participation in Adult Education

## Final Report, 1969

Developed and final draft prepared  
by  
Imogene E. Okes  
National Center for Education Statistics  
Education Division  
before her death October 22, 1974

**U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE**  
Caspar W. Weinberger, *Secretary*

**Education Division**  
Virginia Y. Trotter, *Assistant Secretary for Education*

**National Center for Education Statistics**  
Dorothy M. Gilford, *Acting Administrator*

## NATIONAL CENTER FOR EDUCATION STATISTICS

"The purpose of the Center shall be to collect and disseminate statistics and other data related to education in the United States and in other nations. The Center shall . . . collect, collate, and, from time to time, report full and complete statistics on the conditions of education in the United States; conduct and publish reports on specialized analyses of the meaning and significance of such statistics; . . . and review and report on education activities in foreign countries."—Section 406(b) of the General Education Provisions Act, as amended (20 U.S.C. 1221e-1).

**U.S. GOVERNMENT PRINTING OFFICE  
WASHINGTON: 1974**

---

For sale by the Superintendent of Documents, U.S. Government Printing Office  
Washington, D.C. 20402 - Price \$2.95  
Stock Number 1780-01374

## FOREWORD

This publication presents data concerning adult education activities based on a national sample of persons age 17 and over. The survey was conducted for the Office of Education by the Bureau of the Census through its May 1969 Current Population Survey. Preliminary results were reported in an earlier publication, Participation in Adult Education, 1969: Initial Report. This survey of individuals presents unduplicated counts and contrasts with institutional surveys which often cite duplicative figures. Other reports prepared by the National Center for Education Statistics (NCES) concerning adult education offered by colleges and universities, public education systems, and community agencies are listed inside the back cover.

This survey was conceptualized by Morris Ullman when he was chief of the Adult and Vocational Education Surveys Branch in the National Center for Education Statistics (NCES). Harold Nisselson, when he was Assistant Director for Research for NCES, provided technical expertise. Dr. F. Loyal Greer, consultant, designed the tabulation specifications and provided an annotated outline for the full report.

In the Bureau of the Census, Demographic Surveys Division, people who cooperated in constructing the questionnaire or served as liaison on the project were George Kearns, Marvin Thompson, Donald Adams, Lyle Larson, Janet Provost, Eva Auerbach, George Gray, and Barbara Tinari. Census takers across the Nation collected the information. Editors and keypunchers in Jeffersonville, Indiana, processed the returns. Arnold Levin prepared the computer data tape and did the computer programing for the tabulations. Easley Hoy, Statistical Methods Division, calculated the weightings and sampling errors.

Thousands of Americans throughout the country provided information about themselves and their own experiences with adult education, thus making this report possible.

Robert Calvert, Jr., Chief  
Adult and Vocational Education  
Surveys Branch

## CONTENTS

	<u>Page</u>
FOREWORD. . . . .	iii
I. INTRODUCTION . . . . .	1
II. CHARACTERISTICS OF THE NATIONAL ADULT POPULATION. . . . .	7
III. EXTENT OF INDIVIDUAL PARTICIPATION IN ADULT EDUCATION . . . . .	21
IV. CHARACTERISTICS OF ADULT EDUCATION PARTICIPANTS. . . . .	41
V. ASPECTS OF ADULT EDUCATION . . . . .	71
VI. CRITICAL DATA RECOMBINED . . . . .	91
VII. SPECIAL CONCERNS . . . . .	99
VIII. COMPARISON OF CODED ACTIVITIES AND PARTICIPANT- SELECTED CATEGORIES . . . . .	105
APPENDIXES	
A. GLOSSARY . . . . .	117
B. SELECTED REFERENCES . . . . .	121
C. SAMPLE SELECTION AND STANDARD ERRORS . . . . .	123
D. DEMOGRAPHIC QUESTIONS . . . . .	131
E. ADULT EDUCATION SURVEY INSTRUMENTS . . . . .	135



CHARTS

	<u>Page</u>
1. Regular schooling completed by participants in adult education, nonparticipants, and full-time students: United States, year ending May 1969 . . . . .	9
2. Family income of participants in adult education and nonparticipants: United States, year ending May 1969 . . . . .	9
3. Categories selected by 13, 041, 000 participants to describe the adult education activities in which they engaged: United States, year ending May 1969 . . . . .	24
4. Kind of credit received or expected by 13, 041, 000 participants in adult education: United States, year ending May 1969 . . . . .	24
5. Highlights of characteristics of 2, 831, 000 participants and aspects of their adult education sponsored or administered by 4-year colleges or universities: United States, year ending May 1969 . . . . .	73
6. Selected characteristics of persons age 35 and over participating in adult education: United States, year ending May 1969 . . . . .	101

TABLES

Page

Section II

1. Participants in adult education, nonparticipants, and full-time students, by race and selected population characteristics: United States, year ending May 1969 . . . . .	10
2. Participants in adult education, nonparticipants, and full-time students, by race, region, and metropolitan status: United States, year ending May 1969 . . . . .	12
3. Participants in adult education, and nonparticipants, by regular school completed, age and race, and sex and age: United States, year ending May 1969 . . . . .	13
4. Participants in adult education, and nonparticipants, by regular school completed and selected population characteristics: United States, year ending May 1969 . . . . .	14

## TABLES

Page

Section II--Continued

- |    |  |    |
|----|--|----|
| 5. | Participants in adult education, and nonparticipants, by sex, race, and selected population characteristics: United States, year ending May 1969 . . . . . | 16 |
| 6. | Participants in adult education, and nonparticipants, by sex, race, age, and regular school completed: United States, year ending May 1969 . . . . .       | 20 |

Section III

- |     |   |    |
|-----|---|----|
| 7.  | Number of activities or courses per participant in adult education, by selected participant characteristics, and number of responses to the screener question about sources of adult education: United States, year ending May 1969 . . . . . | 26 |
| 8.  | Activities, all participants, and participants with two or more activities, by adult education aspects: United States, year ending May 1969 . . . . .   | 27 |
| 9.  | Concentration of effort by participants as indicated by the number of activities and the number of options in which they engaged, by selected adult education aspects: United States, year ending May 1969 . . . . .                          | 34 |
| 10. | Individual participants engaged in specific adult education courses, according to activity description assigned by the coder, by sex and race: United States, year ending May 1969 . . . . .  | 36 |

Section IV

- |     |   |    |
|-----|---|----|
| 11. | Primary groupings of adult education activity categories chosen by participants, by selected participant characteristics: United States, year ending May 1969 . . . . . | 46 |
| 12. | Reason for taking adult education, by selected participant characteristics: United States, year ending May 1969 . . . . .   | 53 |

# CONTENTS--Continued

## TABLES

Page

### Section IV--Continued

13.	Sponsor or administrator of adult education, by selected participant characteristics: United States, year ending May 1969 . . . . .	56
14.	Method of instruction for adult education, by selected participant characteristics: United States, year ending May 1969. . . . .	60
15.	Sum of instructional hours during the past year for all adult education activities per participant, by selected participant characteristics: United States, year ending May 1969. . . . .	61
16.	Completion status of adult education by selected participant characteristics: United States, year ending May 1969. . . . .	62
17.	Kind of credit received or expected for adult education, by selected participant characteristics: United States, year ending May 1969 . . . . .	67
18.	Payment for adult education, by selected participant characteristics: United States, year ending May 1969 . . . . .	68

### Section V

19.	Categories chosen by participants to describe activities taken, by selected adult education aspects: United States, year ending May 1969. . . . .	75
20.	Reason for taking activity, by selected adult education aspects: United States, year ending May 1969 . . . . .	78
21.	Sponsor or administrator of activity, by selected adult education aspects: United States, year ending May 1969 . . . . .	80
22.	Facility used for activity, by selected adult education aspects: United States, year ending May 1969 . . . . .	84
23.	Method of instruction for activity, by selected adult education aspects: United States, year ending May 1969 . . . . .	85

## TABLES

PageSection V--Continued

24. Completion status of activity, by selected adult education aspects:  
United States, year ending May 1969 . . . . . 87
25. Kind of credit received or expected for the activity, by payment for  
adult education: United States, year ending May 1969 . . . . . 90

Section VI

26. Selected characteristics of participants, by sponsor or  
administrator of adult education and primary activity categories  
chosen by participants: United States, year ending May 1969 . . . . . 93
27. Number of activities taken by participants in adult education, by  
selected adult education aspects: United States, year ending  
May 1969 . . . . . 96

Section VII

28. Participants in adult education age 35 and over, by selected adult  
education aspects and participant characteristics: United States,  
year ending May 1969 . . . . . 102
29. Influence of household size on participation in adult education:  
United States, year ending May 1969 . . . . . 104

Section VIII

30. Primary groupings of activity categories assigned by coders  
compared with activity categories chosen by participants, by sex  
and receipt or expectation of college credit for the adult education:  
United States, year ending May 1969 . . . . . 107
31. Primary groupings of activity categories chosen by participants,  
for first activity only, by sex and receipt or expectation of college  
credit for the adult education: United States, year ending May 1969 . . . 108

## TABLES

Page

Section VIII--Continued

32.	Primary groupings of activity categories chosen by participants compared with activity categories assigned by coders, by sex and receipt or expectation of college credit for the adult education: United States, year ending May 1969 . . . . .	109
33.	Primary groupings of activity categories chosen by participants compared with activity categories assigned by coders, for second activity only, by sex and receipt or expectation of college credit for the adult education: United States, year ending May 1969 . . . . .	110
34.	Participants whose activities were perceived by the participant and/or assigned by the coders as being adult basic education, by selected adult education aspects and participant characteristics: United States, year ending May 1969 . . . . .	111
35.	Participants whose activities were perceived by the participant and/or assigned by the coders as being vocational and technical training, by selected adult education aspects and participant characteristics: United States, year ending May 1969 . . . . .	113

Appendix

A.	Standard errors of estimated numbers, for total or white population: United States, May 1969 . . . . .	127
B.	Standard errors of estimated numbers for black or other races: United States, May 1969 . . . . .	127
C.	Standard errors of estimated percentages for total or white population: United States, May 1969 . . . . .	128
D.	Standard errors of estimated percentages for black or other races: United States, May 1969 . . . . .	128
E.	Standard errors of estimated numbers (income items only) for total or white population: United States, May 1969 . . . . .	129
F.	Standard errors of estimated numbers (income items only) for black or other races: United States, May 1969 . . . . .	129

x

CONTENTS--Continued

TABLES

Page

Appendix--Continued

G.	Standard errors of estimated percentages (income items only) for total or white population: United States, May 1969 . . . . .	130
H.	Standard errors of estimated percentages (income items only) for black or other races: United States, May 1969 . . . . .	130

## I. INTRODUCTION

This is the first full report in a series of adult education surveys conducted for the Office of Education by the Bureau of the Census. The only previous cooperative venture by these two Federal agencies in the area of adult education was conducted in 1957.<sup>1</sup> The first survey in the current series was carried out in 1969; it was repeated in 1972 and is scheduled for 1975 and every 3 years thereafter.

An earlier product from the 1969 survey, Participation in Adult Education, 1969: Initial Report,<sup>2</sup> presented information supplied by household respondents (of whom about 48 percent were proxies) about what they thought members of their households were doing in adult education during the preceding year. This full report presents information supplied directly by the participants themselves. Whereas the initial report dealt primarily with only 1 question about possible sources or kinds of adult education and age, race, and sex of possible participants, the full report treats 12 adult education questions with their many options (see the Adult Education Survey instrument, appendix E) and relates them to the many socioeconomic characteristics of the participants. Both reports provide information about nonparticipants and full-time students; the full report is, of course, more comprehensive.

This survey, based on responses of participants, contrasts with other adult education surveys conducted by the National Center for Education Statistics (NCES) which record information supplied by institutions offering adult education. This survey reports an unduplicated count of people, while the others report registrations which may contain duplication. The institutional surveys cover adult education offered by colleges and universities, public school systems, and community organizations.

The adult education survey instrument used to collect the data for this report was part of the Current Population Survey (CPS) conducted in May 1969 by the Bureau of the Census.

---

<sup>1</sup> Marie D. Wann and Marthine V. Woodward, Participation in Adult Education, U. S. Department of Health, Education, and Welfare; Office of Education Circular No. 539 (Washington, D. C.: U. S. Government Printing Office, 1959), 36 pp.

<sup>2</sup> Imogene E. Okes, Participation in Adult Education, 1969: Initial Report, U. S. Department of Health, Education, and Welfare; Office of Education Catalog No. HE5. 213:13041 (Washington, D. C.: U. S. Government Printing Office, 1971), 55 pp.

The CPS is of a stratified sample of the national labor force (noninstitutionalized residential civilian population). Figures presented, therefore, are national estimates representing the adult population in the United States. (See appendix C for details about sample selection and standard errors.)

### Definitions Used in the Survey

Participants in adult education are persons beyond compulsory school age (17 and over) who are not enrolled full time in a regular school or college program but who are engaged in one or more activities of organized instruction.

Full-time students, as defined by the Bureau of the Census, are persons spending 12 or more hours a week in classes for credit which would advance them toward a diploma or degree from a graded public or private school, college, university, vocational, or professional school. Data concerning socioeconomic characteristics of these students enrolled full time in a regular high school or college program are presented in tables 1 and 2. Since regular full-time students were not eligible for the adult education survey, screener questions (see appendix E) were used to eliminate regular full-time students age 17-34 and to identify adult education participants for further questioning.

Participants in adult education include those who may have been full-time students on a short-time basis but whose activities could not have been part of a regular high school or college program.

At the time this survey was conducted, the Bureau of the Census did not ask persons age 35 or older if they were studying on a full- or part-time basis. Therefore, all students age 35 and over were considered, for this report, to be adult education participants. (Table 28 presents information on adult education participants age 35 and over.)

Nonparticipants are adults age 17 and over who did not engage in any educational activities, either in full-time study or in adult education during the year ending May 1969.

An adult education activity is organized instruction, including correspondence courses and private tutoring; usually at a set time and place; ordinarily under the auspices of a school, college, church, neighborhood center, community organization, or other recognized authority; and generally with a predetermined end result which may or may not be a certificate, diploma, or degree. No minimum duration was imposed, because one of the purposes of the survey was to learn how much time was spent in adult education. Questions 7, 8, and 9 of the survey instrument were designed to elicit this information.

Sunday school classes, Bible classes, and other church activities which could be considered as worship services were excluded. Many churches, however, provided classes in literacy, child development, environmental issues, etc., and participation in these should have been reported. Recreational activities were not a part of this survey, but learning how to express creative talents or use leisure time were considered to be adult education. Persons taking drawing lessons, bridge lessons, or swimming lessons, for instance, should have completed the adult education questionnaire. Independent study was not included (persons pursuing a course of learning without outside guidance were not counted). Moreover,



adult education was differentiated from adult learning situations such as reading newspapers, watching television, attending concerts, talking to a friend, and so on, which were not in the scope of this survey.

Additional definitions appear in the glossary (appendix A).

### Organization of the Report

Statistics are fully presented for each item in the survey instrument; cross tabulations were carefully selected from the available data. The design of the tables was based on previous adult education survey reports; on preliminary runs of selected data from the current full report; and on advice from executives of professional adult education associations, specialists in adult education, and experts in statistics and surveys. These sources indicated what had been done in earlier surveys, which data were of sufficient quantity to merit exploration, and critical and current information needs in the adult education field.

The tables are arranged in seven sections, progressing from general to specific. The first describes the characteristics of the adult population in the Nation. The second reveals the extent of individual participation in adult education. The third presents characteristics of participants as related to aspects of adult education. The fourth compares adult education aspects with each other. The fifth recombines critical information about participants and their adult education. The sixth provides insights into specific concerns of adult educators. The seventh compares classifications assigned to activities by coders and those selected by participants.

Socioeconomic items in the tables are arranged in five general groups:

- (1) Major demographic characteristics: Age, regular school completed, race, and sex
- (2) Income: Total family income, source of family income, amount of family wage or salary income, and source of family income other than earnings
- (3) Work experience: Class of worker, employment-unemployment status, industry, occupation, and veteran status (men only)
- (4) Relationships: Marital status, and relationship to head of household
- (5) Location: Geographic region; metropolitan status; and urban-suburban, farm-nonfarm residential area.

Adult education aspects in the tables appear in the same order as do the questions in the survey instrument (appendix E). Each question had a variety of options for response. Basically, the topics cover:

#### Question

- 1 Activity category assigned by the coder
- 2 Activity category chosen by the participant

## Question (continued)

- 4 Sponsor
- 5 Facility
- 6 Method of instruction
- 7 }  
8 } Duration  
9 }
- 10 Completion
- 11 Credit
- 12 Payment

In question 1, each respondent was asked to name his or her course or activity; the response was then assigned an activity number by a coder. In question 2, the respondent selected a category which he or she felt best described his or her activity. Because greater confidence was placed in the judgment of the participant than in the possibly less reliable assignment by a coder, preference was given to question 2 in the tables presented. Comparison of responses to the two questions appear in section VII.

Unduplicated counts are presented throughout this report except in the few instances indicated. Each data cell was independently tabulated. By counting a person only once in a data cell, standard errors can be used and statistical tests employed. Examples of unduplicated tabulations follow: If a participant took reading and arithmetic and described both in question 2 as adult basic education (ABE), he or she would be counted only once in ABE; but if he or she described reading as ABE and arithmetic as a high school or college course for credit, he or she would be counted both places. In any case, in the summary category "general education" (which encompasses ABE and high school or college courses for credit), he or she would be counted only once. Thus, an unduplicated count of people was achieved in each data cell.

For the unduplicated adult education statistics, multiparticipation becomes apparent when detail adds to more than totals both up columns and across rows. Because a person may have participated in several activities for different options within a question and may, therefore, have been counted for each option (but never more than once in an option), the sum of the parts will be more than totals and subtotals.

Table 8 provides a comparison between duplicated counts (termed "activities" in this report) and unduplicated counts (here termed "participants") as well as multiparticipation by persons with more than one activity for an option. The total count of all activities in 1969 was 20,000,000, but the total count of individual participants was 13,041,000--or an average of 1 1/2 activities per person. Over a fourth, 28.9 percent or 3,764,000, of the 13,041,000 participants engaged in 2 or more activities for the same option.

Because of the tabulation technique employed, care should be taken in combining data. Statistics about the population, which add to 100 percent, can be combined. But statistics about adult education, which may add to considerably more than 100 percent, may be misleading when combined. Only a computer run can reveal whether the same participant

occurred in any or all of the data cells being considered for combination.

To save space and to make the report clearer to the reader, data are expressed in percentages together with the base numbers from which they are derived. The reader can recalculate the data to serve additional needs. Percentages in the total column can be used as gauges to interpret percentages across rows in other columns, remembering that, because the subpopulation is a part of the total, an adjustment would accentuate the difference.

Medians are provided for years of regular school completed and for family income of participants in adult education and nonparticipants, also for time scheduled and spent on adult education by participants.

Data have been selected and presented to facilitate comparison with the findings from the two previous national surveys of adult education by Wann and Woodward<sup>3</sup> and by Johnstone and Rivera.<sup>4</sup>

Because of the vast amount of material available in this survey, coupling both the answers to the adult education items with the economic and social information from the Current Population Survey, complete analysis is not attempted here. Rather, certain key points are presented under "Selected Findings" in each section.

---

<sup>3</sup> Wann and Woodward, op. cit.

<sup>4</sup> John W. C. Johnstone and Ramon J. Rivera, Volunteers for Learning, National Opinion Research Center (Chicago: Aldine Publishing Company, 1965), 624 pp.

## II. CHARACTERISTICS OF THE NATIONAL ADULT POPULATION

The first two tables in this section describe the 3 groups which together comprise the total 130,251,000 adults age 17 and over in the United States in May 1969: Participants in adult education, nonparticipants, and full-time students. The 13,041,000 people, or 10.0 percent of the adult population, who participated in adult education are the focus of this survey. The 106,556,000 persons who did not engage in any kind of education, and therefore were labeled nonparticipants, accounted for 81.8 percent of all adults. The 10,654,000 students age 17 to 34 enrolled full time in a regular school or college program, and thus ineligible for the adult education survey, constituted 8.2 percent.<sup>1</sup>

Because nonparticipants are potential participants in adult education, the socioeconomic characteristics of both groups are presented for comparison in tables 3 through 6.

Median family income in 1969 for participants was \$10,485 and for nonparticipants it was \$8,282. Medians for years of regular school completed by participants and nonparticipants are given in the tabulation presented on page 8.

### Selected Findings

Of all the participants in adult education in 1969, only 5.0 percent had less than an 8th-grade education, whereas 19.8 percent had some college, 15.2 percent were college graduates, and 11.0 percent had done postgraduate work (table 1 and chart 1).

Blacks participating in adult education in 1969 completed a median of 12.45 years of regular school, while black nonparticipants completed a median of 9.93 years (tabulation).

Veterans constituted 54.4 percent of the 6,800,000 male participants in adult education, 6.3 percent of the 5,999,000 full-time male students, and 45.9 percent of the 48,049,000 male nonparticipants (table 1).

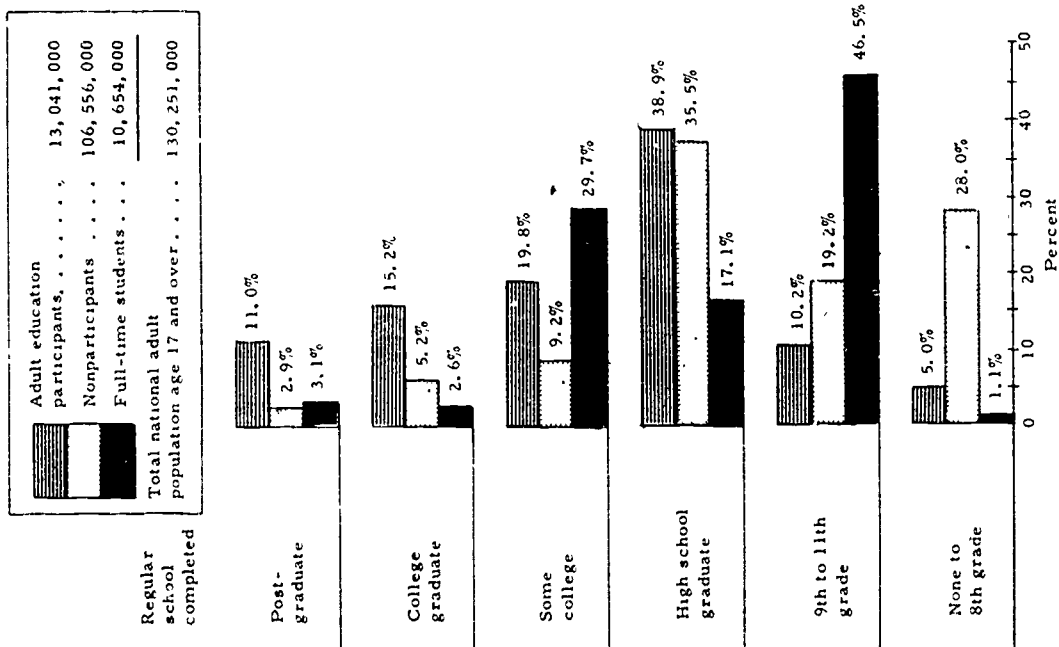
That adult education and income are related is apparent in the fact that the proportions of participants in adult education in 1969 increased steadily with income, reaching 18.7 percent for the \$15,000 - \$24,999 income group. On the other hand, nonparticipants peaked at 14.6 percent in the \$6,000 - \$7,999 income bracket with practically the same proportion in the \$8,000 - \$9,999 bracket (tables 1, 4, and chart 2).

Over three-fourths (76.2 percent) of the participants in adult education in 1969 were working compared to 56.2 percent of all nonparticipants (tables 1 and 4).

<sup>1</sup> Full-time students could be in high school, college, or other educational institutions.

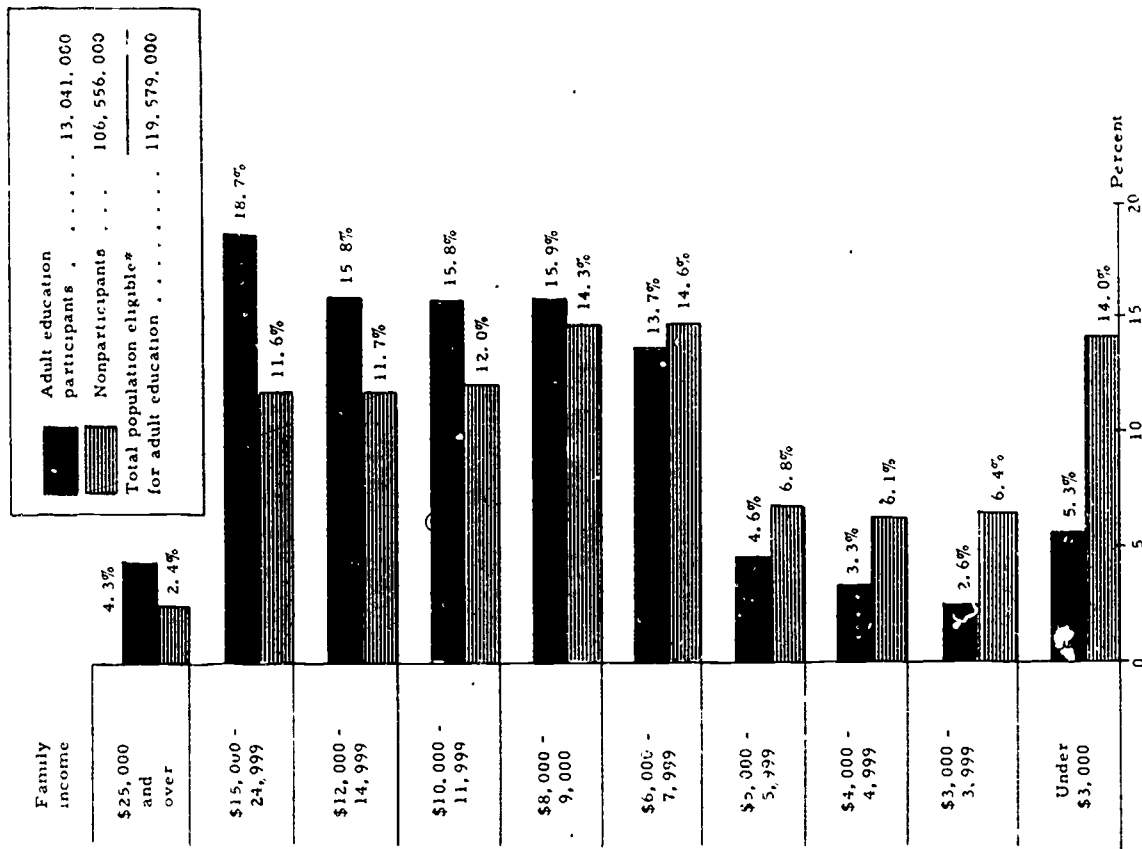
<u>Characteristic</u>	<u>Median years of regular school</u>	
	<u>Participants in adult education</u>	<u>Nonparticipants</u>
Total, age 17 and over	12.89	12.08
Age 17-34	12.89	12.36
Age 35-54	12.91	12.19
Age 55 and over	12.86	9.14
Male, age 17 and over	12.98	12.03
Age 17-34	12.96	12.34
Age 35-54	13.27	12.18
Age 55 and over	12.72	8.95
Female, age 17 and over	12.81	12.11
Age 17-34	12.81	12.38
Age 35-54	12.79	12.19
Age 55 and over	12.95	9.40
Occupation	12.89	12.08
Professional/technical	16.53	16.24
Engineers	16.39	16.15
Medical/health	16.40	15.68
Teachers, except college	16.77	16.71
Other professional/tech- nical	16.26	15.73
Farmers, farm managers, foremen, & laborers	12.38	8.89
Managers & administrators	13.63	12.63
Sales	12.97	12.49
Clerical	12.72	12.52
Craftsmen & kindred	12.44	11.71
Operatives	12.31	10.75
Service workers, domestics, & nonfarm laborers	12.35	10.35
Unemployed or not in labor force	12.68	10.84
Race		
White	12.93	12.14
Black	12.45	9.93
Other	12.92	12.03

Chart 1.--Regular schooling completed by participants in adult education, nonparticipants, and full-time students: United States, year ending May 1969



Source: Table 1

Chart 2.--Family income of participants in adult education and nonparticipants: United States, year ending May 1969



\*Excluding full-time students age 17-34.

Source: Table 3

Table 1. --Participants in adult education, nonparticipants, and full-time students, by race and selected population characteristics:  
United States, year ending May 1969

Population characteristics (1)	Total			White			Black			Other		
	Partici- pants <sup>1</sup> (2)	Non- parti- cants <sup>2</sup> (3)	Full-time students <sup>3</sup> (4)	Partici- pants <sup>1</sup> (5)	Non- parti- cants <sup>2</sup> (6)	Full-time students <sup>3</sup> (7)	Partici- pants <sup>1</sup> (8)	Non- parti- cants <sup>2</sup> (9)	Full-time students <sup>3</sup> (10)	Partici- pants <sup>1</sup> (11)	Non- parti- cants <sup>2</sup> (12)	Full-time students <sup>3</sup> (13)
<b>NATIONAL ADULT POPULATION<sup>4</sup></b>												
(total numbers in thousands)	13,041	106,550	10,654	11,928	94,974	9,508	982	10,628	985	131	975	161
<b>Age:</b>												
17 - 24 . . . . .	19.9	11.3	94.6	19.5	10.8	94.5	24.1	16.4	97.4	24.9	9.6	83.6
25 - 34 . . . . .	33.4	17.5	5.4	33.5	17.2	5.5	32.4	20.1	2.6	32.2	19.5	16.4
35 - 44 . . . . .	22.9	18.5	(5)	22.9	18.4	(5)	22.8	19.2	(5)	26.0	25.6	(5)
45 - 54 . . . . .	15.7	19.4	(3)	15.7	19.6	(5)	15.9	17.8	(5)	14.0	18.9	(5)
55 - 64 . . . . .	5.9	16.0	(3)	6.2	16.3	(5)	3.2	13.7	(5)	2.1	14.0	(5)
65 and over . . . . .	2.1	17.2	(5)	2.2	17.7	(5)	1.5	12.8	(5)	.8	12.3	(5)
<b>Regular school completed:</b>												
None - 8th grade . . . . .	5.0	28.0	1.1	4.5	26.3	.8	11.0	42.7	4.6	7.5	35.1	0
9th - 11th grade . . . . .	16.2	19.2	46.3	9.1	18.5	45.3	23.7	25.3	60.5	8.5	14.1	31.5
High school graduate . . . . .	38.9	35.5	17.1	39.3	36.8	17.3	33.8	23.9	15.7	36.7	31.3	12.6
Some college . . . . .	19.8	9.2	29.7	20.3	9.7	30.8	13.3	4.9	17.0	18.3	7.5	38.3
College graduate . . . . .	15.2	5.2	2.6	15.6	5.5	2.7	9.6	2.0	1.8	16.9	5.1	2.8
Postgraduate . . . . .	11.0	2.9	3.1	11.2	3.1	3.1	8.6	1.1	.5	12.3	6.6	14.7
<b>Sex:</b>												
Male . . . . .	52.1	45.1	56.3	53.4	45.1	56.8	38.3	45.0	49.9	43.1	45.0	47.7
Female . . . . .	47.9	54.9	43.7	46.6	54.9	43.2	61.7	55.0	50.1	56.9	54.0	32.3
<b>Family income:<sup>5</sup></b>												
Under \$3,000 . . . . .	5.3	14.0	8.3	4.4	12.7	6.6	16.9	25.9	19.7	.0	15.6	27.0
\$3,000 - \$3,999 . . . . .	2.6	6.4	3.7	2.1	5.8	3.2	4.8	12.1	8.9	2.7	5.0	.0
\$4,000 - \$4,999 . . . . .	3.3	6.1	4.4	3.1	5.8	3.8	4.5	8.8	10.1	8.4	6.5	5.5
\$5,000 - \$5,999 . . . . .	4.6	6.8	5.3	4.3	6.6	4.6	7.9	8.7	10.5	13.4	12.2	12.0
\$6,000 - \$7,999 . . . . .	13.7	14.6	10.6	13.6	14.7	10.1	16.6	14.4	15.6	4.4	8.0	7.9
\$8,000 - \$9,999 . . . . .	15.9	14.3	12.2	16.3	14.8	12.0	10.4	9.4	14.2	14.2	18.3	23.8
\$10,000 - \$11,999 . . . . .	15.8	12.0	12.8	16.2	12.4	13.8	11.4	8.1	6.2	6.7	7.9	1.2
\$12,000 - \$14,999 . . . . .	15.8	11.7	15.7	16.5	12.3	16.9	7.4	6.5	6.1	9.9	9.3	5.6
\$15,000 - \$24,999 . . . . .	18.7	11.6	21.5	19.0	12.3	23.0	13.8	5.4	9.5	28.3	12.3	9.4
\$25,000 and over . . . . .	4.3	2.4	5.5	4.5	2.6	5.8	1.2	.7	1.8	12.0	4.9	7.7
<b>Source of income:<sup>6</sup></b>												
No income . . . . .	.1	.3	.6	.1	.3	.6	.4	.4	.2	.0	.1	1.4
Salaried . . . . .	32.4	31.3	29.1	31.2	29.8	27.7	48.8	45.3	43.1	21.0	26.5	20.9
Self-employed . . . . .	1.1	1.9	.8	1.1	2.0	.7	.3	.7	.5	.0	5.1	4.1
Salaried & self-employed . . . . .	3.8	4.9	7.1	3.8	5.1	7.5	4.5	3.4	4.5	5.5	5.9	2.2
Salaried & other . . . . .	50.4	39.5	46.3	51.3	40.0	46.9	37.7	34.9	43.1	66.4	37.2	29.8
Self-employed & other . . . . .	1.6	3.7	1.3	1.9	3.9	1.3	.7	1.5	.0	.0	3.3	7.3
Salaried, self-employed, & other . . . . .	8.2	7.1	13.2	8.7	7.3	13.9	2.2	4.0	4.7	7.1	15.1	25.8
Other only . . . . .	2.1	11.3	1.6	1.9	11.5	1.3	5.4	9.8	4.0	.0	6.8	5.1
<b>Employment status</b>												
Working . . . . .	76.2	56.2	36.5	76.4	55.8	38.2	73.7	55.9	22.6	72.4	59.1	26.3
With job but not working . . . . .	2.1	2.3	1.1	2.0	2.2	1.1	4.0	2.9	.7	1.8	3.2	.1
Seeking work . . . . .	1.9	1.6	3.1	1.7	1.4	3.0	4.3	2.5	4.1	1.7	2.1	1.0
Keeping house . . . . .	17.2	30.1	.6	17.6	30.8	.6	11.6	24.1	.6	20.2	27.2	2.8
Going to school . . . . .	1.0	.2	57.8	.8	.2	56.2	2.7	.1	71.5	.8	.1	70.3
Unable to work . . . . .	.1	2.2	.1	.1	2.0	.1	.4	4.1	.1	.0	1.7	.0
Other (including retired) . . . . .	1.5	7.4	.9	1.3	7.5	.9	3.3	6.4	.9	3.1	6.4	1.0

Percent of total, national adult population

Occupation:

Professional/technical . . . . .	25.6	6.6	4.6	26.0	7.0	4.9	21.4	3.5	1.1	20.6	6.4	5.3
Engineers . . . . .	2.9	.7	.2	3.1	.8	.2	.3	.1	.0	2.0	.5	.7
Medical/health . . . . .	3.0	1.2	.7	3.1	1.2	.7	2.1	.7	.0	.0	3.4	2.0
Teachers, except college . . . . .	8.0	1.3	5	7.9	1.3	.4	8.5	1.2	.9	6.4	.9	.0
Other professional/technical . . . . .	11.8	3.5	3.3	11.9	3.7	3.6	10.6	1.6	.2	12.2	3.6	2.6
Farmers, farm managers, foremen, & laborers . . . . .	1.2	2.9	1.8	1.2	2.9	1.8	.9	3.1	1.4	.9	7.2	1.3
Managers & administrators . . . . .	8.7	6.4	.5	9.2	7.0	.6	3.0	1.5	.2	9.3	8.6	.0
Sales . . . . .	4.6	3.4	3.7	4.9	3.6	4.0	.6	.8	1.1	.8	3.5	1.9
Clerical . . . . .	13.4	9.8	8.2	13.1	10.2	8.5	16.6	6.9	4.9	11.6	8.7	6.5
Craftsmen & kindred . . . . .	9.7	8.0	1.4	10.0	8.4	1.4	5.7	5.3	1.0	10.5	3.7	2.0
Operatives . . . . .	7.5	11.6	4.8	7.2	11.1	4.9	11.1	15.7	.4	9.4	9.5	1.1
Service workers, domestic, & nonfarm laborers . . . . .	7.7	9.7	12.6	6.8	8.0	13.1	18.3	25.0	8.8	11.1	12.7	8.9
Unemployed or not in labor force . . . . .	21.7	41.6	62.4	41.6	42.0	60.7	22.3	38.2	77.3	25.8	37.7	73.1

VETERAN STATUS (National adult

male population, numbers in thousands) . . . . .	6,800	48,049	5,999	6,368	42,823	5,396	376	4,787	492	57	439	109
Percent of total, veteran status												
Veterans . . . . .	54.4	45.9	6.3	55.1	47.4	6.7	44.3	33.6	2.4	45.0	32.2	4.3
Vietnam era . . . . .	10.8	3.9	4.3	10.6	4.0	4.6	14.7	3.2	1.0	3.7	1.3	3.1
Korean war . . . . .	11.9	8.3	.1	12.0	8.5	.1	10.0	6.7	.0	11.6	5.9	.0
Other . . . . .	31.7	33.7	1.9	32.4	34.9	2.0	19.6	23.7	1.4	29.7	24.4	1.3
Nonveterans . . . . .	45.6	54.1	93.7	44.9	52.6	93.3	55.7	66.4	97.6	55.0	67.8	95.5

- <sup>1</sup> Age 17 or over, not regular full-time students, engaged in one or more activities of organized instruction. Since persons age 35 and over were not asked whether they were full-time students, they may be included.
- <sup>2</sup> Age 17 or over, not regular full-time students, not engaged in organized instruction.
- <sup>3</sup> Age 17 - 34, enrolled full time in regular school or college programs, not eligible for the adult education survey.
- <sup>4</sup> Estimates made by the Bureau of the Census from the Current Population Survey of the labor force (noninstitutionalized civilian resident population, age 17 and over).
- <sup>5</sup> Persons age 35 and over were not asked whether they were full-time students and, hence, all are treated here as eligible for adult education.
- <sup>6</sup> Income data were collected separately in 1969. About 42 percent of the sample for the adult education survey matched the sample for which income data were available. See special standard errors for income data.

NOTE: --Percent detail may not add to 100.0 because of rounding.



Table 2.--Participants in adult education, nonparticipants, and full-time students, by race, region, and metropolitan status: United States, year ending May 1969

Region and metropolitan status (1)	Total			White			Black			Other	
	Partici- pants <sup>1</sup> (2)	Non- parti- cants <sup>2</sup> (3)	Full-time students <sup>3</sup> (4)	Partici- pants <sup>1</sup> (5)	Non- parti- cants <sup>2</sup> (6)	Full-time students <sup>3</sup> (7)	Partici- pants <sup>1</sup> (8)	Non- parti- cants <sup>2</sup> (9)	Full-time students <sup>3</sup> (10)	Partici- pants <sup>1</sup> (11)	Non- parti- cants <sup>2</sup> (12)
<b>NORTHEAST</b>											
(numbers in thousands)	2,936	27,118	2,428	2,704	24,987	2,275	222	2,026	135	11	104
Percent of total, Northeast											
In SMSA <sup>4</sup>	7.3	78.5	76.8	76.8	77.2	75.6	95.9	93.9	93.3	84.5	95.6
Central city	29.6	37.3	33.0	25.7	33.9	30.1	75.3	78.0	78.3	73.3	56.5
Not central city	48.7	41.2	43.8	51.1	43.2	45.5	20.6	15.9	15.1	11.2	36.7
Not in SMSA	21.7	21.5	23.2	23.2	22.8	24.4	4.1	6.1	6.7	15.5	4.1
Farm	.6	1.0	1.2	.7	1.1	1.3	.0	.1	.0	.0	.0
Nonfarm	21.1	20.5	22.0	22.5	21.7	23.1	4.1	6.0	6.7	15.5	4.4
<b>NORTH CENTRAL</b>											
(numbers in thousands)	3,867	30,113	3,012	3,642	27,920	2,816	203	2,122	180	17	71
Percent of total, North Central											
In SMSA <sup>4</sup>	67.5	61.0	62.0	66.0	58.5	60.1	91.6	93.4	89.4	82.9	76.5
Central city	27.6	30.0	27.5	24.4	25.9	24.2	80.4	82.4	77.9	57.0	62.1
Not central city	39.9	31.1	34.4	41.6	32.6	35.9	11.3	11.0	11.5	25.9	14.5
Not in SMSA	32.5	39.0	38.0	34.0	39.0	39.9	8.4	6.6	10.6	17.1	23.5
Farm	4.5	8.0	10.0	4.8	8.6	10.6	.0	.1	.5	.0	.0
Nonfarm	28.0	31.0	28.0	29.2	32.9	29.3	8.4	6.5	10.1	17.1	23.5
<b>SOUTH</b>											
(numbers in thousands)	3,176	32,651	3,202	2,760	26,799	2,611	408	5,734	587	8	118
Percent of total, South											
In SMSA <sup>4</sup>	61.5	50.9	53.2	61.4	50.8	54.5	63.1	51.5	47.3	16.7	42.8
Central city	30.0	26.0	27.4	27.2	23.3	26.2	48.7	38.6	32.9	16.7	29.6
Not central city	31.5	24.9	25.7	34.1	27.5	28.3	14.1	12.9	14.5	.0	13.2
Not in SMSA	38.5	49.1	46.8	38.6	49.2	45.5	36.9	48.5	52.7	83.3	48.5
Farm	3.2	7.1	6.3	2.8	7.1	5.7	5.0	6.6	9.0	44.3	17.5
Nonfarm	35.3	42.0	40.5	35.8	42.1	39.8	32.0	41.9	43.7	39.0	39.7
<b>WEST</b>											
(numbers in thousands)	3,062	16,675	2,012	2,823	15,267	1,806	144	746	82	95	661
Percent of total, West											
In SMSA <sup>4</sup>	76.7	74.2	73.8	75.4	73.4	72.9	95.3	94.2	80.2	86.1	70.6
Central city	28.6	31.0	30.6	25.9	29.0	27.9	67.9	65.4	58.9	50.5	39.1
Not central city	48.1	43.1	43.2	49.5	44.3	44.9	27.4	28.8	21.3	35.6	31.5
Not in SMSA	23.3	25.8	26.2	24.6	26.6	27.1	4.7	5.8	19.8	13.9	29.4
Farm	1.5	2.3	2.6	1.7	2.4	2.8	.0	.4	.0	.0	1.6
Nonfarm	21.8	23.5	23.6	22.9	24.2	24.3	4.7	5.4	19.8	13.9	26.6

<sup>1</sup> Age 17 or over, not regular full-time students, engaged in one or more activities of organized instruction. Since persons age 35 and over were not asked whether they were full-time students, they may be included.

<sup>2</sup> Age 17 or over, not regular full-time students, not engaged in organized instruction.

<sup>3</sup> Age 17-34, enrolled full time in regular school or college programs, not eligible for the adult survey.

<sup>4</sup> Standard metropolitan statistical area.

NOTE.--Percent detail may not add to 100.0 because of rounding.

Table 3.--Participants in adult education, and nonparticipants, by regular school completed, age and race, and sex and age:  
United States, year ending May 1969

Age, race, and sex (1)	Total		Regular school completed							
			None to 11th grade		High school graduate		Some college		College graduate and postgraduate	
	Partici- pants' (2)	Non- parti- pants' (3)	Partici- pants' (4)	Non- parti- pants' (5)	Partici- pants' (6)	Non- parti- pants' (7)	Partici- pants' (8)	Non- parti- pants' (9)	Partici- pants' (10)	Non- parti- pants' (11)
AGE 17 - 34 (numbers in thousands)										
White	90.9	86.5	80.3	78.3	91.2	89.5	93.8	91.4	93.8	94.2
Black	8.0	12.6	18.7	20.6	7.6	9.8	5.4	7.8	7.0	4.0
Other	1.1	.9	1.0	1.1	1.2	.6	.8	.8	1.2	1.8
Percent of total, age 17 - 34										
AGE 35 - 54 (numbers in thousands)	5,032	40,402	809	17,274	1,882	15,484	899	3,833	1,446	3,812
Percent of total, age 35 - 54										
White	91.4	89.2	80.4	81.3	93.9	93.5	93.5	93.9	93.0	94.2
Black	7.5	9.7	18.4	15.7	5.4	5.6	5.1	5.0	5.8	4.1
Other	1.0	1.1	1.2	1.0	.7	.9	1.3	1.1	1.3	1.7
AGE 55 AND OVER (numbers in thousands)										
White	95.1	91.3	90.8	88.5	96.2	96.4	98.7	97.3	95.9	96.6
Black	4.5	7.9	8.1	10.7	3.6	2.8	1.3	2.6	4.1	3.0
Other	.4	.7	1.1	.8	.3	.8	.0	.0	.0	.4
Percent of total, age 55 and over										
MALE (numbers in thousands)	6,800	48,049	1,002	23,650	2,446	14,863	1,393	4,538	1,959	4,998
Percent of total, male only										
17 - 34	56.0	26.7	46.8	19.2	61.1	37.7	61.8	32.3	50.1	24.9
35 - 54	38.0	40.0	40.9	35.8	34.3	42.2	34.8	43.4	43.4	49.6
55 and over	6.1	33.3	12.3	45.0	4.6	20.1	3.4	24.3	6.5	25.5
FEMALE (numbers in thousands)										
17 - 34	6,241	58,507	983	26,675	2,621	22,931	1,183	5,261	1,454	3,640
Percent of total, female only										
17 - 34	50.5	30.5	45.3	20.4	53.0	40.3	54.3	37.3	46.4	33.4
35 - 54	39.3	36.2	40.7	33.0	39.8	40.1	35.0	35.4	41.0	36.6
55 and over	10.2	33.2	14.0	46.6	7.2	19.6	10.6	27.2	12.6	29.9

\* Age 17 or over, not regular full-time students, engaged in one or more activities of organized instruction. Since persons age 35 and over were not asked whether they were full-time students, they may be included.

\* Age 17 or over, not regular full-time students, not engaged in organized instruction.

NOTE.--Percent detail may not add to 100.0 because of rounding.

Table 4. --Participants in adult education, and nonparticipants, by regular school completed and selected population characteristics: United States, year ending May 1969

Population characteristics (1)	Regular school completed									
	Total		None to 11th grade		High school graduate		Some college		College graduate and postgraduate	
	Partici- pants (2)	Non- partici- pants (3)	Partici- pants (4)	Non- partici- pants (5)	Partici- pants (6)	Non- partici- pants (7)	Partici- pants (8)	Non- partici- pants (9)	Partici- pants (10)	Non- partici- pants (11)
ELIGIBLE POPULATION <sup>1</sup> (total numbers in thousands)										
	13,041	106,556	1,985	50,324	5,067	37,794	2,576	9,800	1,413	8,388
Percent of total, eligible population										
Race										
White	91.5	89.1	81.7	84.7	92.5	92.5	94.0	93.9	93.7	94.9
Black	7.5	10.0	17.2	14.4	6.5	6.7	5.1	5.1	5.2	3.8
Other	1.0	.9	1.1	.9	1.0	.8	.9	.7	1.1	1.3
Sex										
Male	52.1	45.1	50.5	47.0	48.3	39.3	54.1	49.3	57.4	57.9
Female	47.9	54.9	49.5	53.0	51.7	60.7	45.9	53.7	42.6	42.1
Family income: <sup>4</sup>										
Under \$3,000	5.3	14.0	12.1	22.0	4.4	6.8	4.3	6.1	3.4	6.0
\$3,000 - \$3,999	2.6	6.4	6.7	9.0	2.0	4.5	2.5	3.5	1.3	2.7
\$4,000 - \$4,999	3.3	6.1	6.1	8.3	3.4	4.5	3.2	4.4	1.4	2.1
\$5,000 - \$5,999	4.6	6.8	7.3	8.6	4.5	6.1	5.8	4.1	2.5	2.9
\$6,000 - \$7,999	13.7	14.6	18.6	15.6	14.0	15.4	11.6	11.6	10.0	8.8
\$8,000 - \$9,999	15.9	14.3	18.0	12.6	17.4	17.4	16.1	15.6	12.5	9.6
\$10,000 - \$11,999	15.8	12.0	11.5	9.0	18.4	15.4	16.4	13.8	14.1	12.4
\$12,000 - \$14,999	13.8	11.7	10.4	8.0	18.5	14.7	15.2	15.0	15.7	17.4
\$15,000 - \$24,999	18.7	11.6	8.7	6.4	15.5	13.1	17.3	19.0	29.7	27.1
\$25,000 and over	5.3	2.4	.6	.7	2.0	2.2	4.4	4.8	9.2	11.0
Class of worker:										
In labor force	80.2	60.1	72.8	52.4	78.9	65.3	79.5	66.9	87.0	74.4
Private	53.3	44.8	55.4	41.0	59.0	50.1	58.9	47.5	39.2	38.8
Government	21.7	8.1	12.5	4.4	14.8	8.5	15.6	9.9	41.8	25.6
Self-employed	4.6	6.2	3.9	6.1	4.2	5.5	4.4	6.4	5.7	9.5
Without pay	.6	.9	.6	.8	.8	1.1	.5	1.0	.2	.4
Never worked	.1	.1	.4	.1	.1	.1	.1	.1	.1	.0
Not in labor force	19.8	39.9	27.2	47.6	21.1	34.7	20.5	33.1	13.0	25.6
Employment status:										
Working	76.2	56.2	66.4	48.1	74.7	61.5	75.9	63.2	84.4	71.8
With job but not working	2.1	2.3	2.3	2.5	2.3	2.1	2.1	2.3	1.9	1.8
Seeking work	1.9	1.6	4.3	1.9	1.9	1.6	1.6	1.5	.7	.8
Keeping house	17.2	30.1	21.0	32.8	18.8	30.0	18.1	26.4	11.5	19.0
Going to school	1.0	.2	1.6	.2	1.0	.1	.9	.4	.5	.2
Unable to work	.1	2.2	.6	3.6	.1	1.0	.1	1.1	.0	.8
Other (including retired)	1.5	7.4	3.3	11.0	1.2	3.6	1.4	5.1	.9	5.6
Occupation:										
Professional/technical	25.6	6.6	2.8	.7	8.7	3.9	22.0	12.7	96.5	46.4
Engineers	2.9	.7	.2	.1	1.1	.4	2.5	1.6	7.4	4.9
Medical/health	3.0	1.2	.4	.1	1.3	.9	2.6	2.7	6.6	5.8
Teachers, except college	8.0	1.3	.2	.0	.5	2	2.8	1.1	27.4	13.8
Other professional/technical	11.8	3.5	2.0	.5	5.3	2.4	14.1	7.2	25.2	21.0
Farmers, farm managers, foremen, & laborers	1.2	2.9	2.5	4.2	1.5	2.0	.9	1.6	.3	.8
Managers & administrators	8.7	6.4	4.4	3.5	8.2	7.1	11.2	12.8	10.1	14.0
Sales	4.6	3.4	2.9	1.9	4.9	4.5	6.3	5.9	3.7	4.1

Clerical . . . . .	13.4	9.8	6.0	3.6	20.5	17.4	18.5	16.8	3.1	5.0
Craftsmen & kindred . . . . .	9.7	8.0	16.7	8.8	13.4	8.9	8.1	6.1	1.3	1.6
Operatives . . . . .	7.5	11.6	16.2	14.8	10.4	11.5	4.5	4.7	.4	.8
Service workers, domestics, & nonfarm laborers . . . . .	7 7	9.7	17.1	13.0	9.3	6.5	6.5	4.9	.8	.9
Unemployed or not in labor force . . . . .	21.7	41.6	31.4	19.5	23.0	36.3	22.0	34.5	13.7	26.4
Marital status:										
Married, spouse present . . . . .	76.1	73.8	74.6	69.4	75.0	78.0	75.8	76.4	78.9	78.4
Married, spouse absent . . . . .	2.7	3.0	5.4	4.0	2.4	2.4	2.2	1.9	1.9	1.5
Widowed or divorced . . . . .	5.9	13.0	8.1	18.0	5.8	8.5	6.6	10.0	4.2	7.0
Never married . . . . .	15.3	10.1	11.9	8.5	16.7	11.1	15.4	11.7	15.0	13.2
Region:										
Northeast . . . . .	22.5	25.4	21.5	25.1	23.7	26.5	19.2	21.6	23.8	27.1
North Central . . . . .	29.7	28.3	27.7	27.4	32.2	30.5	27.7	27.2	28.5	24.9
South . . . . .	24.4	30.6	30.9	34.8	23.0	26.2	23.9	28.1	23.0	28.8
West . . . . .	23.5	15.6	19.9	12.7	21.1	16.8	29.2	23.1	24.7	19.1
Metropolitan status:										
In SMSA <sup>3</sup> . . . . .	70.6	64.4	62.1	59.3	69.8	67.4	75.2	71.3	73.4	73.8
Central city . . . . .	28.9	30.8	31.2	31.2	27.1	29.8	29.5	33.0	29.6	30.6
Not central city . . . . .	41.7	33.6	30.9	28.1	42.6	37.6	45.7	38.4	43.8	43.2
Not SMSA . . . . .	29.4	35.6	37.9	40.7	30.2	32.6	24.8	28.7	26.6	26.2
Farm . . . . .	2.6	5.0	3.8	6.5	3.1	4.2	2.0	3.1	1.7	1.8
Nonfarm . . . . .	26.8	30.5	34.1	34.2	27.1	28.3	22.8	25.5	25.0	24.4

- <sup>1</sup> Age 17 or over, not regular full-time students, engaged in one or more activities of organized instruction. Since persons 35 and over were not asked whether they were full-time students, they may be included.
- <sup>2</sup> Age 17 or over, not regular full-time students, not engaged in organized instruction.
- <sup>3</sup> Noninstitutionalized civilian resident population age 17 and over, excluding persons age 17 - 34 enrolled full time in regular school or college programs
- <sup>4</sup> Income data were collected separately in 1969. About 42 percent of the sample for the adult education survey matched the sample for which income data were available. See special standard errors for income data.
- <sup>5</sup> Standard metropolitan statistical area.

NOTE. --- Percent detail may not add to 100.0 because of rounding.



ERIC  
Full Text Provided by ERIC

16

28

Private pension or annuity, alimony, source outside	1.8	1.9	1.3	4.3	2.0	7.2	1.3	2.9	2.1	3.1	2.5	.0	2.1
household	23.1	13.8	21.9	10.2	14.3	40.6	23.0	17.7	25.5	9.7	17.6	31.5	22.1
All combinations	2.5	15.3											
Class of worker:													
Labor force	60.1	97.8	82.5	93.3	82.7	97.2	86.8	59.9	40.5	7.1	50.9	59.8	45.7
Private	44.8	69.4	60.9	60.4	64.8	69.0	53.4	35.6	30.4	42.3	39.2	36.3	33.1
Government	8.1	21.2	9.4	31.8	13.1	27.4	15.2	20.5	6.2	30.7	9.6	18.6	7.3
Self-employed	6.2	7.0	11.9	1.1	4.4	18.3	1.3	2.5	2.2	1.6	1.3	2.9	2.6
Without pay	.9	.1	.2	.0	.0	.8	.0	1.2	1.1	.2	.3	.0	2.7
Never worked	.1	.1	.0	.0	.3	.0	.0	.2	.1	.4	.5	2.0	.9
Not in labor force	39.9	2.2	17.5	6.7	17.3	2.8	13.2	40.1	59.5	24.9	49.1	40.2	54.3
Employment Status:													
Working	56.2	94.2	78.0	87.2	76.1	91.6	79.5	56.1	37.7	65.4	44.9	57.8	41.8
With job but not working	2.3	2.4	3.0	3.2	3.5	4.1	4.6	1.5	1.5	4.5	2.3	.0	2.0
Seeking work	1.6	1.2	1.5	2.9	3.1	1.4	2.7	2.3	2.3	5.2	3.8	2.0	1.9
Keeping house	30.4	.0	.3	.0	.0	.0	.0	37.8	55.8	18.7	43.3	35.6	50.4
Going to school	.2	.4	.2	1.0	.1	.0	.1	1.2	.2	3.8	.2	1.4	.0
Unable to work	.1	.2	2.8	1.0	5.6	.0	1.7	.1	1.4	.0	2.9	.0	1.7
Other (including retired)	7.4	1.6	14.1	4.8	11.0	2.8	11.3	1.0	2.1	2.4	2.7	3.2	2.2
Industry in which employed:													
Agriculture	3.1	1.9	5.5	2.4	5.6	.8	14.0	.8	1.1	.0	1.4	1.1	2.3
Mining	.4	.9	.9	.0	.5	.0	.0	.1	.1	.0	.2	.0	.0
Construction	4.0	6.2	8.4	4.7	8.7	12.0	5.0	.5	.4	.0	.1	1.0	.3
Manufacturing	16.9	31.6	26.5	23.6	27.8	14.4	14.5	7.2	9.2	8.5	7.0	11.6	7.4
Transportation & public utilities	4.0	7.5	7.1	5.5	7.3	8.8	2.4	1.9	1.6	2.6	1.0	6.8	.8
Wholesale & retail trade	10.4	12.7	13.2	11.0	10.6	24.2	22.6	6.9	8.7	3.3	4.9	4.6	11.1
Finance, insurance, & real estate	2.6	6.3	3.1	4.9	1.2	5.1	1.0	5.0	2.6	4.0	1.2	.0	1.4
Public administration	3.0	10.0	4.5	16.4	5.2	15.0	5.7	3.5	1.7	5.7	2.6	5.1	3.5
Private household service	1.4	.0	.2	.0	1.1	.0	.5	.6	1.3	5.3	11.7	2.1	2.0
Miscellaneous service	12.5	19.2	11.6	21.8	11.8	15.4	17.5	31.2	12.7	40.4	17.2	25.6	15.2
Business & repair	1.8	2.9	3.0	2.2	2.7	.0	2.8	1.2	.9	1.9	.7	.5	.5
Forestry & fisheries	.1	.2	.1	.0	.1	.0	1.7	.0	.0	.0	.0	.0	.0
Personal, except private household	2.1	.8	1.4	.0	2.0	.0	5.2	2.1	2.3	4.1	4.4	1.8	4.7
Entertainment & recreation	.5	.1	.7	.7	.6	.0	.2	.4	.4	.0	.3	.0	.8
Medical, except hospitals	1.1	1.6	.7	1.0	.5	4.1	1.5	2.6	1.4	3.1	1.3	2.8	.5
Hospitals	1.9	1.3	.7	4.9	2.2	1.6	2.6	5.8	2.3	9.3	5.1	.0	4.6
Welfare & religious	.6	1.2	.6	1.9	.7	.0	.0	.9	.5	2.1	.5	2.8	.3
Education	3.5	8.7	2.8	10.2	2.7	9.7	3.1	17.0	4.0	19.0	4.7	15.1	3.2
Other professional services	1.0	2.3	1.5	1.0	.4	.0	.4	1.2	.8	.8	.2	.0	.5
Occupation:													
Professional/technical	6.6	30.3	9.8	23.5	3.8	24.1	10.5	21.0	4.6	20.1	3.3	17.8	6.6
Engineers	.7	5.8	1.7	.7	.2	4.6	1.0	.0	.0	.0	.0	.0	.0
Medical/health	1.2	2.0	1.0	1.2	.5	.0	4.3	3.7	1.3	2.6	.8	.0	2.6
Teachers, except college	1.3	5.2	.8	3.7	.6	2.9	1.2	11.0	1.7	11.5	1.6	9.0	.6
Other professional/technical	3.5	16.7	6.3	17.9	2.5	16.6	4.0	6.3	1.6	6.0	.8	8.8	3.3
Farmers, farm managers, foremen, & laborers	2.9	1.8	5.1	2.4	5.2	.8	13.0	.6	1.0	.0	1.3	1.1	2.3
Managers & administrators	6.4	15.4	13.0	4.6	2.8	19.8	16.5	2.0	2.0	2.0	.5	1.3	2.0
Sales	3.4	6.8	4.4	.7	.9	.0	2.9	2.9	3.0	.5	.8	1.5	3.9

See footnotes at end of table.

Table 5. --Participants in adult education, and nonparticipants, by sex, race, and selected population characteristics:  
United States, year ending May 1969--Continued

Population characteristics (1)	Total		Male						Female					
			White		Black		Other		White		Black		Other	
	Partici- pants <sup>1</sup> (2)	Non- parti- cants <sup>2</sup> (3)	Partici- pants <sup>1</sup> (4)	Non- parti- cants <sup>2</sup> (5)	Partici- pants <sup>1</sup> (6)	Non- parti- cants <sup>2</sup> (7)	Partici- pants <sup>1</sup> (8)	Non- parti- cants <sup>2</sup> (9)	Partici- pants <sup>1</sup> (10)	Non- parti- cants <sup>2</sup> (11)	Partici- pants <sup>1</sup> (12)	Non- parti- cants <sup>2</sup> (13)	Partici- pants <sup>1</sup> (14)	Non- parti- cants <sup>2</sup> (15)

<b>ELIGIBLE POPULATION<sup>3</sup></b>														
(total numbers in thousands)	13,041	106,550	6,368	42,823	376	4,787	57	439	5,561	52,151	606	5,840	75	516

Percent of total, eligible population

Occupation (Continued):

Clerical . . . . .	13.4	9.8	6.5	5.4	9.6	5.2	7.0	6.7	20.7	14.0	21.0	8.3	15.2	10.5
Craftsmen & kindred . . . . .	9.7	8.0	18.4	18.0	14.2	11.1	24.2	7.6	.4	.5	.4	.5	.0	.4
Operatives . . . . .	7.5	11.0	10.3	16.5	18.0	24.8	6.0	10.1	3.5	6.7	6.8	8.2	11.9	9.0
Service workers, domestics, & nonfarm laborers . . . . .	7.7	9.7	7.1	8.7	17.3	25.9	13.8	16.8	6.4	7.3	19.0	24.3	8.9	9.2
Unemployed or not in labor force . . . . .	21.7	41.6	3.4	19.0	9.7	20.4	4.2	15.9	42.3	60.8	30.1	52.8	42.2	56.2
<u>Marital status:</u>														
Married, spouse present . . . . .	76.1	73.8	82.8	81.5	70.7	67.5	79.5	70.3	71.7	70.8	51.3	50.0	67.4	69.6
Married, spouse absent . . . . .	2.7	3.0	1.2	1.5	5.0	7.2	.0	3.6	3.1	2.7	13.5	13.7	2.9	5.6
Widowed or divorced . . . . .	5.9	13.0	2.4	6.1	1.6	8.4	2.3	10.5	9.4	18.1	13.3	22.0	8.4	15.2
Never married . . . . .	15.3	10.1	13.6	10.8	22.7	16.9	18.2	15.7	15.9	8.4	22.0	14.2	21.3	9.7

Relationship to head of household:

Head with other relatives (including wife) in the household . . . . .	47.2	41.2	83.0	82.5	70.6	68.6	72.5	72.5	7.5	7.1	24.3	20.8	7.6	9.9
Head with no other relatives in the household . . . . .	7.9	9.6	6.1	6.6	9.5	10.3	10.9	13.2	9.8	11.9	8.3	10.9	2.6	7.3
Wife of head . . . . .	32.5	36.8	.0	.0	.0	.0	.0	.0	70.0	69.2	48.5	47.7	63.6	67.6
Other relative of head . . . . .	16.0	10.9	9.7	9.6	17.5	17.5	12.3	11.4	10.9	10.6	15.9	18.2	24.1	13.6
Nonrelative of head with own relatives in the household . . . . .	.2	.2	.1	.1	.0	.3	.0	.9	.2	.2	.8	.5	.0	1.2
Nonrelative of head without own rela- tives in the house- hold . . . . .	1.4	1.2	1.1	1.1	2.4	3.3	3.7	2.0	1.6	1.0	2.2	1.8	2.1	.4





Table 6.--Participants in adult education, and nonparticipants, by sex, race, age, and regular school completed: United States, year ending May 1969

Age and regular school completed (1)	Total			Male						Female										
	Partici- pants <sup>1</sup> (2)	Non- partici- pants <sup>2</sup> (3)	White			Black			Other			White			Black			Other		
			Partici- pants <sup>1</sup> (4)	Non- partici- pants <sup>2</sup> (5)	Non- partici- pants <sup>2</sup> (6)	Partici- pants <sup>1</sup> (7)	Non- partici- pants <sup>2</sup> (8)	Non- partici- pants <sup>2</sup> (9)	Partici- pants <sup>1</sup> (10)	Non- partici- pants <sup>2</sup> (11)	Partici- pants <sup>1</sup> (12)	Non- partici- pants <sup>2</sup> (13)	Partici- pants <sup>1</sup> (14)	Non- partici- pants <sup>2</sup> (15)						
AGE 17 - 34 (numbers in thousands)	6,956	30,719	3,559	11,021	220	1,731	27	98	2,768	15,541	335	2,149	48	179						
					Percent of total, age 17 - 34															
None to 11th grade . . .	13.1	32.5	11.1	32.0	33.4	55.5	2.2	48.8	12.2	27.6	29.1	51.0	17.0	34.1						
High school graduate . .	41.4	48.3	39.6	44.9	30.7	36.4	64.3	27.0	44.1	53.7	45.3	38.6	35.7	38.6						
Some college . . .	21.6	11.2	23.0	12.2	17.3	6.4	12.8	6.3	21.3	11.5	13.1	7.2	18.1	12.6						
College graduate & postgraduate . . .	23.8	8.0	26.3	10.8	18.6	1.8	20.7	17.8	22.4	7.2	12.5	3.2	29.2	14.7						
AGE 35 - 54 (numbers in thousands)	5,037	40,402	2,414	17,210	140	1,797	29	192	2,190	18,834	240	2,137	23	233						
					Percent of total, age 35 - 54															
None to 11th grade . . .	16.1	42.8	14.7	41.4	37.5	70.8	10.3	36.4	13.6	38.5	40.2	67.5	27.1	46.4						
High school graduate . .	37.4	38.3	32.8	34.1	30.2	19.6	18.7	32.3	44.6	45.7	24.7	24.3	32.3	34.5						
Some college . . .	17.9	9.5	19.1	10.8	13.6	5.3	21.3	12.3	17.4	9.3	11.3	4.6	24.4	7.8						
College graduate & postgraduate . . .	28.7	9.4	33.5	13.7	18.7	4.3	49.7	19.0	24.5	6.5	23.8	3.7	16.3	11.3						
AGE 55 AND OVER (num- bers in thousands)	1,043	35,435	395	14,593	16	1,260	1	148	602	17,776	31	1,554	3	104						
					Percent of total, age 55 and over															
None to 11th grade . . .	25.0	65.1	29.5	64.5	39.7	88.0	100.0	76.9	20.1	61.9	47.6	87.3	73.6	65.6						
High school graduate . .	28.9	21.1	27.1	19.7	39.1	6.8	.0	17.3	30.6	24.3	14.4	7.9	26.4	33.4						
Some college . . .	16.5	7.2	11.8	7.3	.0	2.5	.0	.7	20.5	7.9	7.5	2.3	.0	.0						
College graduate & postgraduate . . .	29.6	6.7	31.5	8.5	21.2	2.7	.0	5.1	28.8	5.9	30.5	2.4	.0	.9						

<sup>1</sup> Age 17 or over, not regular full-time students, engaged in one or more activities of organized instruction. Since persons 35 and over were not asked whether they were full-time students, they may be included.

<sup>2</sup> Age 17 or over, not regular full-time students, not engaged in organized instruction.

NOTE.--Percent detail may not add to 100.0 because of rounding.

### III. EXTENT OF INDIVIDUAL PARTICIPATION IN ADULT EDUCATION

The four tables in this section focus on the extent to which individuals participate in adult education.

Table 7 uses basic socioeconomic characteristics to describe participants according to the number of activities in which they engage.

The contrast between duplicated and unduplicated counts appears in table 8. Comparison is made of all activities, all participants, and participants engaging in more than one activity. Every activity, or course, was tabulated in the first set of columns resulting in a total of 20,000,000 activities. In the center set of columns, all activities per participant were considered but never tabulated more than once in a data cell, with a total of 13,041,000 individual participants. The 3,764,000 persons who participated in more than one activity for the same option appear in the last 2 columns tabulated only once in a data cell. Table 8 also introduces all the adult education questions with all their options.

Table 9 reveals concentration of effort by participants in adult education. People who engaged in only one activity and only one option appear in column 3, persons who concentrated their efforts by engaging in two or more activities for the same option appear in column 4, and individuals who spread their interests among several options appear in the last column.

Table 10 shows the specific activities in which participants engaged according to editors' codings of the titles written by participants in response to question 1 in the Adult Education Survey Instrument (appendix E). This is the only place in the report where the entire adult education activity code appears. Elsewhere question 1 responses are presented in five major groupings and not in detail. Rationale for development of the activity code is given below.

In all tables presenting unduplicated counts for the adult education questions, column totals and subtotals will exceed 100.0 percent because a participant may have engaged in more than one activity and the separate activities could have been for different options within a question. (Additionally, for questions 6 and 12 the participant was permitted to respond to more than one option for the same activity.) But all data cells were independently tabulated so that a participant was counted only once in a data cell; thus, unduplicated counts were obtained within a data cell and standard errors can be used.

## Adult Education Activity Code

The adult education activity code was developed in the Office of Education (OE). It was based on the several documents existing in 1968 when preparations were being made for collecting and processing the data. References included Volunteers for Learning, the 1962 survey conducted by the National Opinion Research Center; the fourth draft of OE Handbook VI, Standard Terminology for Curriculum and Instruction, for elementary and secondary schools; the OE review draft Taxonomy of Academic Disciplines for institutions of higher education; the OE brochure on 25 technical careers for vocational education; the Standard Industrial Classification Manual produced in the Bureau of the Budget; the Dictionary of Occupational Titles and the Occupational Outlook Handbook in Brief prepared by the Department of Labor; Health Resource Statistics from the Public Health Service; career pamphlets from the Department of Health, Education, and Welfare (HEW); Bureau of the Census reports; and numerous other materials from various sources. A list of selected references appears in appendix B.

The rationale for development of the adult education activity code was that most people's lives have five major components; each of which has its educational complement:

- General preparatory
- Occupational
- Community participation
- Personal and family living
- Social and recreational

For instance, to function in our society people must have basic education; they must be able to read, write, and do arithmetic. If they are immigrants, they must learn to speak English and have an understanding of American Government in order to pass their citizenship examinations. A high school diploma or equivalent is a common requirement today. For some people, a college education is a necessary preparation for life. All these kinds of things were grouped as General Education.

People must learn how to earn a living to pay their own way in this world. The second category, Occupational Training, includes education in vocational or technical skills, management, and the professions--whether for a new job, for upgrading, for refresher purposes, or for changing jobs.

Ideally, people participate in government and have informed opinions on current issues whether at the local, State, regional, Federal, or international level. Such things as voter education, religious education, and safety education are included in the Community Issues category.

Everyone is concerned about food, shelter, and clothing whether he or she has only himself or herself to think about or is responsible for a family. Consumer education, child care, speed reading, and grooming are among topics grouped under Personal and Family Living.

Activities which involve the acquisition of a skill for social or recreational purposes (e.g., swimming, art, music, or drama lessons, etc.) are included in the last category.

Editors used an alphabetical listing of activity titles with their code numbers to translate the exact names of activities given by participants in response to question 1 of the Adult Education Survey Instrument. Translations were then rearranged in categorical-numerical code order for presentation in table 10. To test the coding scheme, the results of tabulations of codings assigned by the editors to activity titles were matched with descriptions selected by the participants in question 2. See section VII for the details of this comparison.

### Selected Findings

Most (71.1 percent) of the 13,041,000 adult education participants in the year ending May 1969 engaged in only 1 activity, 15.9 percent engaged in 2 activities, 5.6 percent in 3, 5.7 percent in 4, and 1.6 percent in 5 or more (derived from table 7). The average number of activities per participant during the year was one and one-half (derived from table 8).

Coding of the activities in which all participants engaged revealed that 55.3 percent took occupational training, 26.1 percent took general education, 11.9 percent took personal and family living classes, 11.5 percent took social and recreational lessons, 10.4 percent took community issues, and 1.2 percent engaged in miscellaneous or "not reported" activities (table 8, Q.1).

When each participant selected a category to describe his or her adult education activity, 44.6 percent checked occupational training, 27.2 percent checked general education, 12.1 percent indicated personal and family living, 11.9 percent checked social and recreational lessons, 9.2 percent selected community issues, and 3.9 percent checked "other" kinds of adult education (table 8, Q.2).

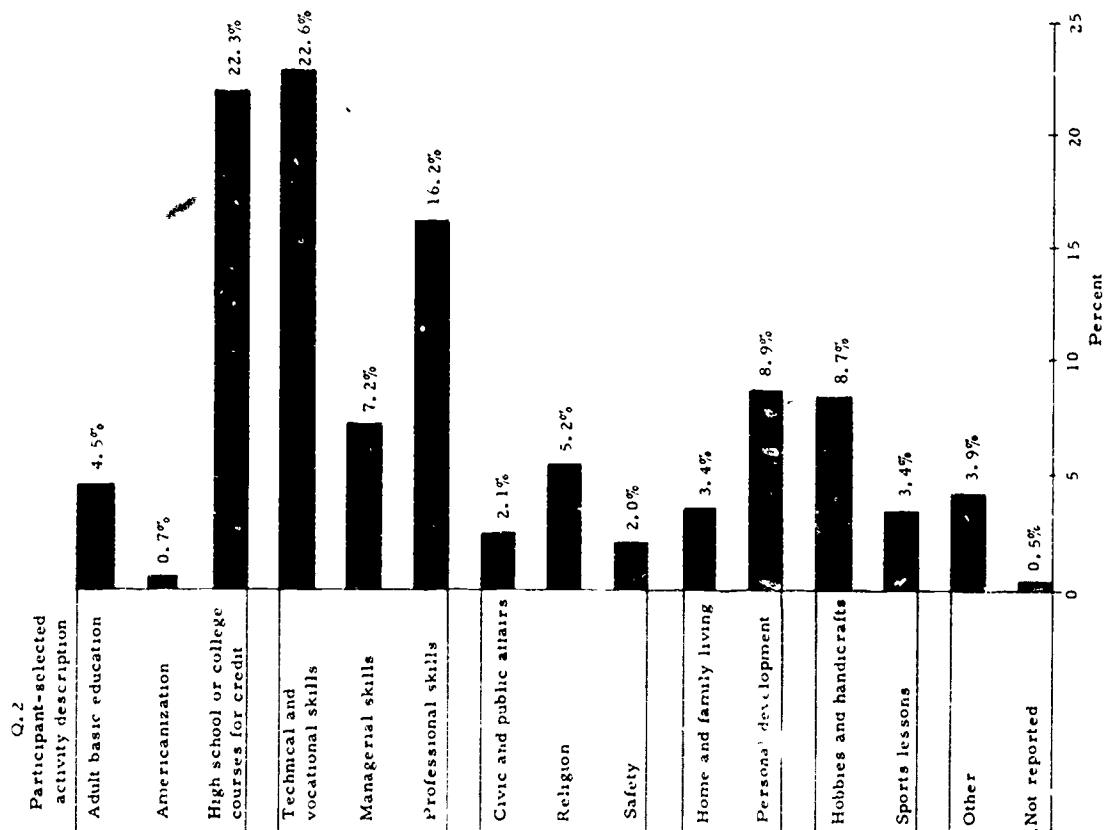
The reason most often indicated for taking adult education was occupational training. Of all participants, 45.2 percent wanted to improve or advance in a job and 10.9 percent wanted to get a new job. Personal or family interests was indicated by 19.8 percent, general education by 14.2 percent, social or recreational lessons by 6.7 percent, community activity by 2.6 percent, and some "other" reason by 9.6 percent (table 8, Q.3).

Of the 1,423,000 persons taking adult education to get a new job, 18.2 percent were preparing for office or sales positions; 15.3 percent were preparing for a profession other than engineering, medicine, or teaching; 10.6 percent were preparing for service work; and 37.5 percent did not know what kind of new job they wanted (table 8, Q.3A).

Four-year colleges or universities sponsored or administered adult education for 21.7 percent of all participants. Next most frequently cited were employers, by 17.4 percent; public grade schools or high schools, by 15.1 percent; public 2-year colleges or technical institutes and community organizations, each by 11.9 percent; and private trade, vocational, or business schools, by 11.5 percent (table 8, Q.4).

More than half, 57.0 percent, of all participants took their adult education in school or college buildings. Other facilities used were place of work, 12.0 percent; private home, 11.0 percent; community center, 5.6 percent; and church, 5.3 percent (table 8, Q.5).

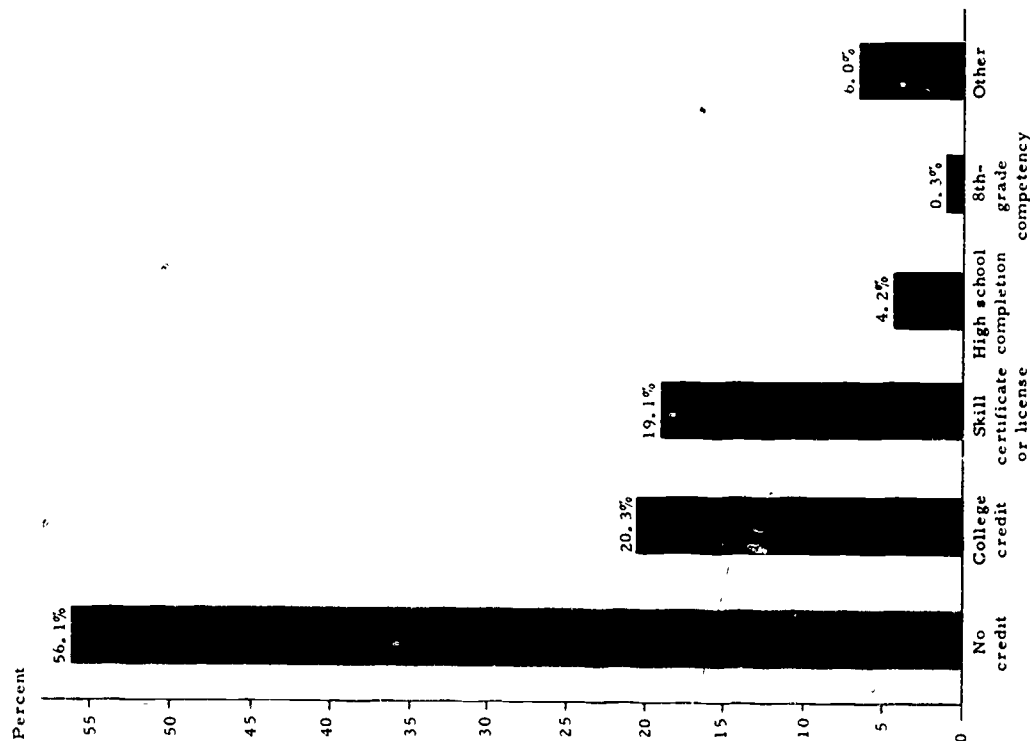
Chart 3. --Categories selected by 13,041,000 participants to describe the adult education activities in which they engaged, United States, year ending May 1969



Source: Table 8.

NOTE. --Detail will exceed 100.0 percent because the participant may have engaged in more than one activity and the separate activities may have been for different options but each data cell was independently tabulated so that an unduplicated count was achieved within a data cell.

Chart 4. --Kind of credit received or expected by 13,041,000 participants in adult education: United States, year ending May 1969



Source: Table 8, Q.11.

NOTE. --Detail will exceed 100.0 percent because the participant may have engaged in more than one activity and the separate activities may have been for different options but each data cell was independently tabulated so that an unduplicated count was achieved within a data cell.

Almost three quarters (73.5 percent) of all the adult education participants had lectures or classes as the method of instruction, while 33.5 percent had workshop or discussion groups, 13.2 percent had individual instruction, 8.5 percent had correspondence, and 7.0 percent had organized training on the job (table 8, Q. 6).

Questions on duration of activity revealed that most (29.1 percent) of the participants took adult education activities scheduled for 3 hours a week (table 8, Q. 7). 21.9 percent took activities scheduled from 9 to 12 weeks (table 8, Q. 8), and 26.3 percent spent between 40 and 79 hours in instruction on an activity during the year (table 8, Q. 9-instruction time).

The number of hours spent on homework for an activity during the year may have been irrelevant for many of the 13,041,000 adult education participants because 25.7 percent of them did not respond to this question. Much of the adult education either did not require or did not merit homework because 18.8 percent of all participants indicated 0 hours. For those who did homework, 16.8 percent reported 40 to 79 hours on an activity during the year, 10.6 percent reported 80 to 159 hours, and 9.6 percent reported 20 to 29 hours. Other categories drew percentages ranging from 8.0 to 0.1 (table 8, Q. 9-homework).

A large number (69.5 percent) of the participants reported that they had completed their adult education, 25.8 percent were still taking their courses, 9.1 percent had dropped them, and 3.9 percent did not reply to the question (table 8, Q. 10).

Of the 3,369,000 persons still taking courses, 17.3 percent indicated that they had already attended 5 to 8 weeks (table 8, Q. 10A-still taking) as did 31.4 percent of the 1,188,000 persons who dropped their adult education (table 8, Q. 10A-dropped).

Adult education for college credit was taken by 20.3 percent of the 13,041,000 adult education participants but comprised 27.8 percent of all 20,000,000 adult education activities (table 8, Q. 11).

More than half (56.1 percent) of the participants did not expect any credit for their adult education, 20.3 percent expected credit toward a college degree, 19.1 percent expected credit toward a skill certificate or license, 4.2 percent expected credit toward high school completion, 0.3 percent expected credit toward 8th-grade competency, 6.0 percent expected some other kind of credit, and 1.0 percent did not respond (table 8, Q. 11 and chart 4).

Self- or family-financing of adult education was involved for 57.2 percent of the participants, employers paid for 27.3 percent, government paid for 10.1 percent, 13.1 percent of the participants had other means of financing, 2.4 percent did not know who paid for their adult education, and 1.0 percent did not respond (table 8, Q. 12).

The most serious participants (i.e., those taking two or more activities for the same option) described their activities as being for high school or college credit, were taking courses sponsored by 4-year colleges or universities, and expected to receive college credit (table 9).

Table 7. --Number of activities or courses per participant in adult education, by selected participant characteristics, and number of responses to the screener question about sources of adult education: United States, year ending May 1969

Participant characteristics (1)	Total participants <sup>1</sup> (2)	Activities per participant				
		One (3)	Two (4)	Three (5)	Four (6)	Five or more (7)
<b>PARTICIPANT POPULATION</b> (total numbers in thousands) . . . . .	13, 041	9, 277	2, 075	727	748	214
Percent of total, participant population						
<b>Age:</b>						
17 - 24 . . . . .	19.9	18.5	19.4	22.6	33.5	28.4
25 - 34 . . . . .	33.4	32.3	35.8	36.6	36.1	40.7
35 - 44 . . . . .	22.9	23.7	21.3	22.9	18.2	19.6
45 - 54 . . . . .	15.7	16.5	16.4	12.3	10.0	8.7
55 - 64 . . . . .	5.9	6.5	5.5	4.4	1.8	2.5
65 and over . . . . .	2.1	2.5	1.3	1.2	.3	.0
<b>Regular school completed:</b>						
None - 8th grade . . . . .	5.0	5.9	3.2	3.0	1.8	4.0
9th - 11th grade . . . . .	10.2	11.1	8.1	6.1	10.6	5.3
High school graduate . . . . .	38.9	42.2	35.6	29.1	19.9	22.6
Some college . . . . .	19.8	18.0	21.0	23.1	30.4	34.7
College graduate . . . . .	15.2	13.7	17.7	21.5	20.8	15.1
Postgraduate . . . . .	11.0	9.1	14.4	17.2	16.5	18.4
<b>Race:</b>						
White . . . . .	91.5	91.1	93.2	92.0	90.2	93.9
Black . . . . .	7.5	7.9	5.7	6.9	9.2	6.1
Other . . . . .	1.0	1.0	1.0	1.1	.6	.0
<b>Sex:</b>						
Male . . . . .	52.1	51.8	51.3	53.1	58.4	49.1
Female . . . . .	47.9	48.2	48.7	46.9	41.6	50.9
<b>Number of responses about sources:<sup>2</sup></b>						
One response . . . . .	85.4	92.6	68.1	64.4	71.1	63.7
Two responses . . . . .	11.7	6.1	28.0	23.7	20.3	24.8
Three responses . . . . .	2.5	1.2	3.4	10.2	6.3	8.5
Four responses . . . . .	.4	.1	.4	1.7	2.2	1.7
Five responses . . . . .	.0	.0	.1	.0	.0	.6
Six responses . . . . .	.0	.0	.0	.0	.0	.6
Seven responses . . . . .	.0	.0	.0	.0	.0	.0

<sup>1</sup> Age 17 or over, not regular full-time students, engaged in one or more activities of organized instruction. Since persons age 35 and over were not asked whether they were full-time students, they may be included.

<sup>2</sup> To screener question number 53, parts a-g, about sources of adult education. See appendix E.

NOTE. --Percent detail may not add to 100.0 because of rounding.



Table 8.--Activities, all participants, and participants with two or more activities, by adult education aspects: United States, year ending May 1969

Adult education aspects  (1)	Sum of activities per option <sup>1</sup> (duplicated)		Participants per option <sup>2</sup> (unduplicated)			
			Total <sup>3</sup>		With two or more activities <sup>4</sup>	
	Number (2)	Percent (3)	Number (4)	Percent (5)	Number (6)	Percent (7)
TOTAL (numbers in thousands). . . . .	20,000	100.0	13,041	100.0	<sup>5</sup> 13,041	100.0
Q.1--ACTIVITY CATEGORY ASSIGNED BY CODER						
<u>General education</u> . . . . .	5,507	27.5	3,403	26.1	1,202	9.2
Adult basic education. . . . .	353	1.8	248	1.9	69	.5
Americanization . . . . .	47	.2	47	.4	0	.0
High school & college courses . . . . .	5,083	25.4	3,143	24.1	1,125	8.6
Other general education . . . . .	24	.1	22	.2	3	.0
<u>Occupational training</u> . . . . .	9,431	47.2	7,217	55.3	1,427	10.9
Vocational & technical . . . . .	4,666	23.3	3,946	30.3	535	4.1
Managerial & proprietary . . . . .	2,639	13.2	2,150	16.5	348	2.7
Professional . . . . .	2,050	10.3	1,510	11.6	323	2.5
Other occupational training. . . . .	76	.4	73	.6	2	.0
<u>Community issues</u> . . . . .	1,541	7.7	1,354	10.4	140	1.1
Civic & public affairs. . . . .	391	2.0	347	2.7	34	.3
Religion. . . . .	681	3.4	601	4.6	56	.4
Safety & survival . . . . .	466	2.3	435	3.3	23	.2
Other community issues . . . . .	3	.0	3	.0	0	.0
<u>Personal &amp; family living</u> . . . . .	1,688	8.4	1,547	11.9	126	1.0
Home & family living . . . . .	1,002	5.0	928	7.1	70	.5
Personal development . . . . .	682	3.4	656	5.0	25	.2
Other personal & family living . . . . .	4	.0	4	.0	0	.0
<u>Social &amp; recreational lessons</u> . . . . .	1,651	8.3	1,501	11.5	138	1.1
Hobbies & handicrafts . . . . .	1,199	6.0	1,105	8.5	87	.7
Group recreational lessons. . . . .	153	.8	148	1.1	5	.0
Sports lessons . . . . .	288	1.4	273	2.1	12	.1
Other social & recreational lessons . . . . .	11	.1	8	.1	3	.0
<u>Miscellaneous &amp; not reported</u> . . . . .	181	.9	163	1.2	13	.1
Q.2--ACTIVITY CATEGORY CHOSEN BY PARTICIPANT:						
<u>General education</u> . . . . .	7,009	35.0	3,553	27.2	1,585	12.2
Adult basic education. . . . .	803	4.0	585	4.5	122	.9
Americanization . . . . .	108	.5	95	.7	7	.1
High school & college courses for credit . . . . .	6,098	30.5	2,907	22.3	1,445	11.1

See footnotes at end of table.



Table 8.--Activities, all participants, and participants with two or more activities, by adult education aspects: United States, year ending May 1969--Continued

Adult education aspects  (1)	Sum of activities per option <sup>1</sup> (duplicated)		Participants per option <sup>2</sup> (unduplicated)			
			Total <sup>3</sup>		With two or more activities <sup>4</sup>	
	Number (2)	Percent (3)	Number (4)	Percent (5)	Number (6)	Percent (7)
TOTAL (numbers in thousands) . . . . .	20, 000	100.0	13, 041	100.0	<sup>5</sup> 13, 041	100.0
Q. 2--ACTIVITY CATEGORY CHOSEN BY PARTICIPANT: (Continued)						
Occupational training . . . . .	7, 449	37.2	5, 816	44.6	1, 036	7.9
Vocational & technical . . . . .	3, 533	17.7	2, 951	22.6	395	3.0
Managerial . . . . .	1, 095	5.5	938	7.2	108	.8
Professional . . . . .	2, 821	14.1	2, 111	16.2	432	3.3
Community issues . . . . .	1, 345	6.7	1, 202	9.2	104	.8
Civic & public affairs . . . . .	315	1.6	279	2.1	25	.2
Religion . . . . .	762	3.8	678	5.2	62	.5
Safety . . . . .	268	1.3	262	2.0	4	.0
Personal & family living . . . . .	1, 828	9.1	1, 580	12.1	187	1.4
Home & family living . . . . .	473	2.4	438	3.4	27	.2
Personal development . . . . .	1, 355	6.8	1, 164	8.9	141	1.1
Social & recreational lessons . . . . .	1, 698	8.5	1, 552	11.9	126	1.0
Hobbies & handicrafts . . . . .	1, 230	6.1	1, 137	8.7	79	.6
Sports lessons . . . . .	468	2.3	449	3.4	17	.1
Other . . . . .	577	2.9	510	3.9	43	.3
Not reported . . . . .	96	.5	62	.5	21	.2
Q. 3--REASON FOR TAKING:						
For general information . . . . .	2, 582	12.9	1, 856	14.2	400	3.1
To improve or advance in job . . . . .	8, 617	43.1	5, 898	45.2	1, 548	11.9
To get a new job. . . . .	2, 008	10.0	1, 423	10.9	261	2.0
For community activity. . . . .	394	2.0	342	2.6	36	.3
For personal or family interests. . . . .	3, 156	15.8	2, 588	19.8	391	3.0
For social or recreational reasons . . . . .	968	4.8	870	6.7	70	.5
Other . . . . .	2, 194	11.0	1, 250	9.6	413	3.2
Not reported . . . . .	82	.4	51	.4	23	.2
Type of new job preparation						
(numbers in thousands) . . . . .	2, 008	100.0	1, 423	100.0	261	100.0
Engineer . . . . .	0	.0	0	.0	0	.0
Medical/health . . . . .	67	3.4	33	2.7	10	3.9
Teacher . . . . .	266	13.3	94	6.6	59	22.5
Other professional . . . . .	332	16.6	217	15.3	46	17.5
Farmer or kindred . . . . .	1	.1	1	.1	0	.0
Manager . . . . .	38	1.9	34	2.4	2	.9
Office/sales . . . . .	331	16.5	260	18.2	40	15.4
Craftsman . . . . .	88	4.4	81	5.7	7	2.7
Operative . . . . .	37	1.8	35	2.5	1	.5
Servicework or kindred . . . . .	177	8.8	151	10.6	11	4.2
Not reported . . . . .	669	33.3	534	37.5	76	28.9

See footnotes at end of table.

Table 8.--Activities, all participants, and participants with two or more activities, by adult education aspects: United States, year ending May 1969--Continued

Adult education aspects  (1)	Sum of activities per option <sup>1</sup> (duplicated)		Participants per option <sup>2</sup> (unduplicated)			
			Total <sup>3</sup>		With two or more activities <sup>4</sup>	
	Number (2)	Percent (3)	Number (4)	Percent (5)	Number (6)	Percent (7)
TOTAL (numbers in thousands) . . . . .	20,000	100.0	13,041	100.0	<sup>5</sup> 13,041	100.0
Q.4--SPONSOR OR ADMINISTRATOR:						
Public grade school or high school . . . . .	2,605	13.0	1,970	15.1	385	3.0
Public 2-year college or technical institute . . . . .	2,557	12.8	1,550	11.9	497	3.8
Private vocational, trade, or business school . . . . .	1,760	8.8	1,504	11.5	156	1.2
Four-year college or university . . . . .	5,337	26.7	2,831	21.7	1,185	9.1
Employer . . . . .	2,707	13.5	2,274	17.4	320	2.5
Community organization . . . . .	1,782	8.9	1,554	11.9	180	1.4
Hospital . . . . .	41	.2	40	.3	1	.0
Other . . . . .	3,136	15.7	2,512	19.3	376	2.9
Not reported . . . . .	75	.4	54	.4	16	.1
Q.5--FACILITY:						
School or college building . . . . .	12,139	60.7	7,434	57.0	2,379	18.2
Community center . . . . .	838	4.2	724	5.6	81	.6
Church . . . . .	765	3.8	685	5.3	55	.4
Place of work . . . . .	1,803	9.0	1,560	12.0	184	1.4
Private home . . . . .	1,625	8.1	1,429	11.0	130	1.0
Other . . . . .	2,695	13.5	2,299	17.6	281	2.2
Not reported . . . . .	135	.7	88	.7	34	.3
Q.6--METHOD OF INSTRUCTION:						
Lecture or class . . . . .	14,817	74.1	9,580	73.5	2,807	21.5
Workshop or discussion group . . . . .	5,511	27.6	4,367	33.5	784	6.0
Individual instruction . . . . .	2,010	10.1	1,719	13.2	200	1.5
Organized training on the job . . . . .	1,023	5.1	910	7.0	91	.7
Correspondence . . . . .	1,274	6.4	1,110	8.5	95	.7
Television or radio . . . . .	95	.5	83	.6	10	.1
Other . . . . .	581	2.9	490	3.8	63	.5
Not reported . . . . .	139	.7	90	.7	33	.3
Q.7--HOURS SCHEDULED PER WEEK:						
1 . . . . .	1,039	5.2	923	7.1	81	.6
2 . . . . .	3,666	18.3	2,953	22.6	455	3.5
3 . . . . .	5,823	29.1	3,799	29.1	1,131	8.7
4 . . . . .	1,911	9.6	1,476	11.3	276	2.1
5 - 9 . . . . .	3,377	16.9	2,554	19.6	502	3.8

See footnotes at end of table.

Table 8. --Activities, all participants, and participants with two or more activities, by adult education aspects: United States, year ending May 1969--Continued

Adult education aspects  (1)	Sum of activities per option (duplicated) <sup>1</sup>		Participants per option <sup>2</sup> (unduplicated)			
			Total <sup>3</sup>		With two or more activities <sup>4</sup>	
	Number (2)	Percent (3)	Number (4)	Percent (5)	Number (6)	Percent (7)
TOTAL (numbers in thousands) . . . . .	20, 000	100. 0	13, 041	100. 0	<sup>5</sup> 13, 041	100. 0
Q. 7--HOURS SCHEDULED PER WEEK: (Continued)						
10 . . . . .	520	2. 6	448	3. 4	52	. 4
11 - 12 . . . . .	236	1. 2	226	1. 7	10	. 1
13 - 14 . . . . .	91	. 5	87	. 7	3	. 0
15 - 16 . . . . .	482	2. 4	438	3. 4	36	. 3
17 - 19 . . . . .	103	. 5	93	. 7	10	. 1
20 . . . . .	268	1. 3	255	2. 0	10	. 1
21 - 24 . . . . .	244	1. 2	229	1. 8	9	. 1
25 - 29 . . . . .	122	. 6	119	. 9	3	. 0
30 . . . . .	208	1. 0	188	1. 4	16	. 1
31 - 32 . . . . .	62	. 3	61	. 5	1	. 0
33 - 39 . . . . .	184	. 9	176	1. 4	6	. 0
40 . . . . .	1, 252	6. 3	1, 134	8. 7	96	. 7
Not reported . . . . .	413	2. 1	354	2. 7	34	. 3
Q. 8--WEEKS SCHEDULED:						
1 . . . . .	1, 851	9. 3	1, 458	11. 2	265	2. 0
2 . . . . .	534	2. 7	472	3. 6	42	. 3
3 . . . . .	386	1. 9	356	2. 7	23	. 2
4 . . . . .	505	2. 5	472	3. 6	24	. 2
5 - 8 . . . . .	2, 880	14. 4	2, 333	17. 9	392	3. 0
9 - 12 . . . . .	4, 005	20. 0	2, 861	21. 9	631	4. 8
13 - 16 . . . . .	3, 058	15. 3	1, 862	14. 3	606	4. 6
17 - 20 . . . . .	2, 035	10. 2	1, 193	9. 2	404	3. 1
21 - 24 . . . . .	330	1. 7	266	2. 0	30	. 2
25 - 36 . . . . .	1, 285	6. 4	1, 053	8. 1	146	1. 1
37 - 52 . . . . .	1, 157	5. 8	983	7. 5	106	. 8
53 - 104 . . . . .	382	1. 9	368	2. 8	9	. 1
105 - 156 . . . . .	190	1. 0	183	1. 4	6	. 0
157 and over . . . . .	99	. 5	93	. 7	4	. 0
Indefinite & do not know . . . . .	839	4. 2	743	5. 7	52	. 4
Not reported . . . . .	464	2. 3	362	2. 8	64	. 5
Q. 9--HOURS SPENT PER YEAR ON:						
Instruction						
0 (Correspondence). . . . .	874	4. 4	774	5. 9	53	. 4
1 - 4 . . . . .	578	3. 4	548	4. 2	86	. 7
5 - 9 . . . . .	1, 257	6. 3	1, 072	8. 2	139	1. 1

See footnotes at end of table

Table 8.--Activities, all participants, and participants with two or more activities, by adult education aspects: United States, year ending May 1969--Continued

Adult education aspects  (1)	Sum of activities per option <sup>1</sup> (duplicated)		Participants per option <sup>2</sup> (unduplicated)			
			Total <sup>3</sup>		With two or more activities <sup>4</sup>	
	Number (2)	Percent (3)	Number (4)	Percent (5)	Number (6)	Percent (7)
TOTAL (numbers in thousands) . . . . .	20,000	100.0	13,041	100.0	<sup>5</sup> 13,041	100.0
Q.10--COMPLETION: (Continued)						
Still taking activity (numbers in thousands) . . . . .	4,061	100.0	3,369	100.0	457	100.0
Weeks attended:						
1 . . . . .	163	4.0	144	4.3	14	3.0
2 . . . . .	181	4.5	164	4.9	11	2.4
3 . . . . .	172	4.2	160	4.8	12	2.5
4 . . . . .	228	5.6	189	5.6	21	4.5
5 - 8 . . . . .	650	16.0	583	17.3	50	10.9
9 - 12 . . . . .	545	13.4	468	13.9	53	11.5
13 - 16 . . . . .	571	14.1	446	13.2	82	17.9
17 - 20 . . . . .	335	8.2	271	8.1	40	8.7
21 - 24 . . . . .	121	3.0	116	3.4	2	.5
25 - 36 . . . . .	569	14.0	473	14.0	57	12.4
37 - 52 . . . . .	471	11.6	430	12.8	23	5.0
Not reported . . . . .	55	1.4	55	1.6	0	.0
Dropped activity (numbers in thousands) . . . . .	1,470	100.0	1,188	100.0	161	100.0
Weeks attended:						
1 . . . . .	41	2.8	39	3.3	2	1.5
2 . . . . .	88	6.0	75	6.4	5	3.3
3 . . . . .	108	7.3	91	7.7	15	9.6
4 . . . . .	157	10.7	134	11.3	12	7.6
5 - 8 . . . . .	450	30.6	373	31.4	48	29.9
9 - 12 . . . . .	263	17.9	211	17.7	30	18.4
13 - 16 . . . . .	141	9.6	109	9.2	11	7.2
17 - 20 . . . . .	71	4.8	63	5.3	4	2.4
21 - 24 . . . . .	42	2.9	33	2.7	3	2.0
25 - 36 . . . . .	86	5.9	67	5.7	12	7.2
37 - 52 . . . . .	22	1.5	21	1.7	1	.8
Not reported . . . . .	0	.0	0	.0	0	.0

See footnotes at end of table.

Table 8.--Activities, all participants, and participants with two or more activities, by adult education aspects: United States, year ending May 1969--Continued

Adult education aspects  (1)	Sum of activities per option <sup>1</sup> (duplicated)		Participants per option <sup>2</sup> (unduplicated)			
			Total <sup>3</sup>		With two or more activities <sup>4</sup>	
	Number (2)	Percent (3)	Number (4)	Percent (5)	Number (6)	Percent (7)
TOTAL (numbers in thousands) . . . . .	20,000	100.0	13,041	100.0	<sup>5</sup> 13,041	100.0
Q. 9--HOURS SPENT PER YEAR ON: (Continued)						
10 - 14 . . . . .	1,370	6.9	1,223	9.4	108	.8
15 - 19 . . . . .	1,344	6.7	1,182	9.1	118	.9
20 - 29 . . . . .	2,446	12.2	2,029	15.6	276	2.1
30 - 39 . . . . .	2,738	13.7	2,001	15.3	451	3.5
40 - 79 . . . . .	5,273	26.4	3,427	26.3	977	7.5
80 - 159 . . . . .	1,796	9.0	1,508	11.6	201	1.5
160 - 319 . . . . .	811	4.1	707	5.4	59	.4
320 - 639 . . . . .	403	2.0	388	3.0	10	.1
640 - 959 . . . . .	164	.8	158	1.2	5	.0
960 - 1,439 . . . . .	209	1.0	164	1.3	23	.2
1,440 - 9,998 . . . . .	148	.7	131	1.0	12	.1
Not reported . . . . .	190	2.4	407	3.1	51	.4
Homework						
0 . . . . .	2,918	14.6	2,455	18.8	333	2.6
1 - 4 . . . . .	856	4.3	726	5.6	90	.7
5 - 9 . . . . .	972	4.9	847	6.5	95	.7
10 - 14 . . . . .	1,264	6.3	1,039	8.0	143	1.1
15 - 19 . . . . .	668	3.3	564	4.3	69	.5
20 - 29 . . . . .	1,530	7.7	1,253	9.6	182	1.4
30 - 39 . . . . .	1,398	7.0	1,031	7.9	200	1.5
40 - 79 . . . . .	3,189	15.9	2,192	16.8	582	4.5
80 - 159 . . . . .	1,945	9.7	1,385	10.6	310	2.4
160 - 319 . . . . .	727	3.6	607	4.7	70	.5
320 - 639 . . . . .	260	1.3	233	1.8	14	.1
640 - 959 . . . . .	46	.2	46	.4	0	.0
960 - 1,439 . . . . .	33	.2	29	.2	1	.0
1,440 - 9,998 . . . . .	14	.1	14	.1	0	.0
Not reported . . . . .	4,180	20.9	3,347	25.7	544	4.2
Q. 10.--COMPLETION:						
Finished activity . . . . .	13,897	69.5	9,065	69.5	2,597	19.9
Still taking activity . . . . .	4,061	20.3	3,369	25.8	457	3.5
Dropped activity . . . . .	1,470	7.3	1,188	9.1	161	1.2
Not reported . . . . .	572	2.9	503	3.9	45	.3

See footnotes at end of table.

Table 8.--Activities, all participants, and participants with two or more activities, by adult education aspects: United States, year ending May 1969--Continued

Adult education aspects  (1)	Sum of activities per option <sup>1</sup> (duplicated)		Participants per option <sup>2</sup> (unduplicated)			
			Total <sup>3</sup>		With two or more activities <sup>4</sup>	
	Number (2)	Percent (3)	Number (4)	Percent (5)	Number (6)	Percent (7)
TOTAL (numbers in thousands) . . . . .	20,000	100.0	13,041	100.0	<sup>5</sup> 13,041	100.0
Q.11--CREDIT:						
No credit . . . . .	9,012	45.1	7,319	56.1	1,278	9.8
8th-grade certificate . . . . .	68	.3	45	.3	11	.1
High school completion . . . . .	1,012	5.1	459	4.2	210	1.6
Skill certificate or license . . . . .	3,114	15.6	2,486	19.1	364	2.8
College degree . . . . .	5,558	27.8	2,642	20.3	1,345	10.3
Other credit . . . . .	1,067	5.3	786	6.0	154	1.2
Not reported . . . . .	170	.9	133	1.0	29	.2
Q.12--PAYMENT:						
Self or family . . . . .	11,466	57.3	7,463	57.2	2,150	16.5
Employer . . . . .	4,687	23.4	3,565	27.3	684	5.2
Government . . . . .	2,022	10.1	1,313	10.1	320	2.5
Other . . . . .	2,217	11.1	1,709	13.1	277	2.1
Do not know . . . . .	390	1.9	317	2.4	40	.3
Not reported . . . . .	183	.9	132	1.0	35	.3

- <sup>1</sup> Detail should add to totals and subtotals, except as affected by rounding. Those participants engaging in more than one activity in an option were tabulated for every activity. Thus, the count becomes one of activities and not of individual people. To differentiate, duplicated counts are here referred to as activities, and unduplicated counts as participants. In activity counts, where a person may appear more than once in an option, standard errors cannot be used.
- <sup>2</sup> A participant was tabulated only once in an option, but a participant could be tabulated in more than one option. Thus, an unduplicated count was obtained within an option and standard errors can be used.
- <sup>3</sup> Detail will add to more than totals and subtotals. A participant may have engaged in activities in different options.
- <sup>4</sup> Detail will not add to totals and subtotals. Only those few participants with two or more activities in an option were tabulated.
- <sup>5</sup> Total number is for all participants and not just for those with multiple activities. Thus, one can say, "Of all participants, \_\_ percent were engaged in more than one activity in this option." Percentages must be refigured if one wishes to say, "Of the 3,764,000 participants who took more than one activity for the same option, \_\_ percent may have engaged in 2 or more activities in this option."
- <sup>6</sup> For the subitems, total is for that particular population, rather than for all participants as in footnote 5 above.

Table 9. -- Concentration of effort by participants as indicated by the number of activities and the number of options in which they engaged, by selected adult education aspects: United States, year ending May 1969

Selected adult education aspects  (1)	Total partici- pants <sup>1</sup> (numbers in thousands)  (2)	Percent of total number of partici- pants in an option, participants with --		
		Only one activity and only one option (3)	Two or more activities and only one option (4)	Two or more activities and at least two options (5)
Q. 2--ACTIVITY CATEGORY CHOSEN BY PARTICIPANT:				
General education . . . . .	3,553	47.4	38.6	14.0
Adult basic education . . . . .	585	66.3	17.6	16.1
Americanization . . . . .	95	75.8	5.5	18.6
High school & college courses for credit . . . . .	2,907	42.1	43.4	14.5
Occupational training . . . . .	5,816	73.0	12.9	14.2
Vocational & technical . . . . .	2,951	75.7	11.2	13.1
Managerial . . . . .	938	70.0	9.2	20.8
Professional . . . . .	2,111	64.1	15.6	20.2
Community issues . . . . .	1,202	66.8	5.7	27.5
Civic & public affairs . . . . .	279	61.1	7.3	31.6
Religion . . . . .	678	69.5	6.9	23.6
Safety . . . . .	262	61.7	.5	37.8
Personal & family living . . . . .	1,580	65.1	7.2	27.6
Home & family living . . . . .	438	63.3	3.7	33.0
Personal development . . . . .	1,164	64.6	8.4	27.0
Social & recreational lessons . . . . .	1,552	71.6	5.1	23.2
Hobbies & handicrafts . . . . .	1,137	74.1	5.5	20.4
Sports lessons . . . . .	449	60.0	3.8	36.2
Other . . . . .	510	74.6	6.8	18.5
Not reported . . . . .	62	39.6	25.2	35.2
Q. 3--REASON FOR TAKING:				
For general information . . . . .	1,856	60.5	16.5	23.0
To improve or advance in job . . . . .	5,898	66.1	22.6	11.3
To get a new job . . . . .	1,423	69.7	15.4	15.0
For community activity . . . . .	342	63.8	8.1	28.1
For personal or family interests . . . . .	2,588	69.3	12.6	18.1
For social or recreational reasons . . . . .	870	66.4	7.0	26.6
Other . . . . .	1,250	53.3	28.3	18.4
Not reported . . . . .	51	17.8	23.9	58.2
Q. 4--SPONSOR OR ADMINISTRATOR:				
Public grade school or high school . . . . .	1,970	68.3	17.3	14.4
Public 2-year college or technical institute . . . . .	1,550	56.5	29.1	14.4
Private vocational, trade, or business school . . . . .	1,504	76.8	9.0	14.2
Four-year college or university . . . . .	2,831	47.7	36.0	16.3
Employer . . . . .	2,274	73.7	10.6	15.6
Community organization . . . . .	1,554	68.8	8.6	22.6
Hospital . . . . .	40	76.0	3.6	20.5
Other . . . . .	2,512	70.0	12.0	18.0
Not reported . . . . .	54	30.6	14.8	54.6

See footnotes at end of table.

Table 9.--Concentration of effort by participants as indicated by the number of activities and the number of options in which they engaged, by selected adult education aspects: United States, year ending May 1969--Continued

Selected adult education aspects  (1)	Total partici- pants <sup>1</sup> (numbers in thousands)  (2)	Percent of total number of partici- pants in an option, participants with --		
		Only one activity and only one option (3)	Two or more activities and only one option (4)	Two or more activities and at least two options (5)
Q. 5--FACILITY:				
School or college building . . . . .	7,434	61.1	28.6	10.3
Community center . . . . .	724	64.3	8.2	27.5
Church . . . . .	685	66.7	5.5	27.8
Place of work . . . . .	1,560	72.9	9.1	18.0
Private home . . . . .	1,429	72.2	6.8	21.0
Other . . . . .	2,299	70.3	9.4	20.3
Not reported . . . . .	88	31.5	18.1	50.3
Q. 10--COMPLETION:				
Finished activity . . . . .	9,065	64.9	24.6	10.5
Still taking activity . . . . .	3,369	67.0	9.5	23.4
Dropped activity . . . . .	1,188	67.0	11.6	21.4
Not reported . . . . .	503	67.1	6.5	26.3
Q. 11--CREDIT:				
No credit . . . . .	7,319	75.5	15.4	9.1
8th-grade certificate . . . . .	45	52.7	18.6	28.7
High school completion . . . . .	549	55.4	36.0	8.6
Skill certificate or license . . . . .	2,486	72.8	12.3	14.9
College degree . . . . .	2,642	39.9	42.8	17.3
Other credit . . . . .	786	64.2	15.5	20.3
Not reported . . . . .	133	42.2	10.9	47.0

<sup>1</sup> Age 17 or over, not regular full-time students, engaged in one or more activities of organized instruction. Since persons age 35 and over were not asked whether they were full-time students, they may be included. A participant was tabulated only once in an option, but a participant could be tabulated in more than one option. Thus, an unduplicated count was obtained within an option, and standard errors can be used.

NOTE.--Percent detail may not add up to 100.0 because of rounding.



Table 10.--Individual participants engaged in specific adult education courses, according to activity description assigned by the coder, by sex and race: United States, year ending May 1969

Q.1 Activities coded (1)	Participants' engaged in specific adult education activities											
	Both sexes					Male					Female	
	Total (2)	White (3)	Black (4)	Other (5)	Total (6)	White (7)	Black (8)	Other (9)	Total (10)	White (11)	Black (12)	Other (13)
PARTICIPANT POPULATION (total numbers in thousands)												
1000 General education . . . . .	13,041	11,928	982	131	6,800	6,368	376	57	6,241	5,561	606	75
Percent of total, participant population												
1100 Adult basic education . . . . .	26.1	25.3	34.2	34.6	24.8	24.5	28.4	41.6	27.5	26.3	37.7	29.3
1200 Americanization for immigrants . . . . .	.4	.3	.2	4.3	.3	.2	.6	3.5	.4	.4	.0	4.9
1220 English for foreigners . . . . .	.2	.2	.2	2.8	.1	.1	.6	.0	.3	.3	.0	4.9
1300 High school equivalency, GED, <sup>2</sup> or college subjects, general . . . . .	27.1	23.9	26.4	29.0	23.0	23.0	21.3	36.9	25.3	24.8	29.6	23.0
1310 Arts . . . . .	1.6	1.7	.6	.0	1.0	1.0	.8	.0	2.2	2.5	.5	.0
1320 English . . . . .	6.7	6.4	9.1	14.7	5.9	5.8	7.2	10.8	7.6	7.2	10.2	17.7
1330 Foreign languages & literature . . . . .	2.6	2.8	.9	.7	1.7	1.8	.7	.0	3.5	3.9	1.0	1.3
1331 Asian . . . . .	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
1332 French . . . . .	.5	.6	.4	.0	.3	.3	.4	.0	.8	.8	.3	.0
1333 German . . . . .	.4	.4	.0	.7	.2	.2	.0	.0	.6	.7	.0	1.3
1334 Russian . . . . .	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0
1335 Spanish . . . . .	1.1	1.2	.1	.0	.9	.9	.0	.0	1.3	1.5	.2	.0
1336 Swahili . . . . .	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1337 Latin, Greek . . . . .	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
1339 Other foreign languages . . . . .	.5	.5	.4	.0	.3	.3	.3	.0	.8	.8	.4	.0
1340 Social studies . . . . .	9.8	9.8	9.4	10.7	9.4	9.3	10.4	21.1	10.2	10.5	8.8	2.8
1341 Anthropology, archaeology . . . . .	.4	.5	.0	.0	.5	.5	.0	.0	.4	.4	.0	.0
1342 Area studies (world regions) . . . . .	.2	.2	.1	.0	.1	.1	.0	.0	.3	.3	.2	.0
1343 Economics . . . . .	1.2	1.2	1.3	2.9	1.9	1.8	2.0	6.8	.5	.5	.8	.0
1344 History . . . . .	3.3	3.2	4.2	2.2	3.0	2.9	4.5	5.2	3.6	3.6	4.0	.0
1345 Philosophy . . . . .	.8	.9	.2	.0	.9	1.0	.3	.0	.7	.7	.2	.0
1346 Political science . . . . .	.7	.8	.4	.9	.7	.7	.3	2.1	.7	.8	.4	.0
1347 Psychology . . . . .	3.7	3.7	3.4	4.1	3.1	3.0	4.0	5.7	4.3	4.5	3.0	2.8
1348 Sociology . . . . .	1.3	1.2	1.7	2.6	1.0	.9	1.9	6.0	1.5	1.5	1.5	.0
1349 Other social studies . . . . .	.4	.4	.4	.0	.3	.3	.7	.0	.4	.4	.2	.0
1350 Sciences . . . . .	7.9	7.7	10.6	2.8	9.0	9.0	8.8	4.8	6.6	6.1	11.7	1.3
1351 Earth & space sciences . . . . .	.6	.7	.2	.0	.7	.7	.0	.0	.6	.6	.4	.0
1352 Life sciences . . . . .	1.2	1.1	1.9	1.0	1.2	1.1	2.4	2.3	1.2	1.2	1.6	.0
1353 Chemistry . . . . .	.5	.5	.4	.0	.6	.6	.7	.0	.4	.4	.2	.0
1354 Mathematics . . . . .	5.4	5.2	9.0	1.8	6.4	6.3	7.1	2.5	4.4	3.8	10.1	1.3
1355 Physics . . . . .	.4	.4	.0	.0	.7	.7	.0	.0	.0	.0	.0	.0
1356 Other physical sciences . . . . .	.1	.1	.0	.0	.1	.1	.0	.0	.1	.1	.0	.0
1359 Other sciences . . . . .	.5	.5	.2	.0	.4	.4	.4	.0	.6	.6	.0	.0
1390 Other arts & sciences . . . . .	.6	.6	.4	.0	.6	.7	.0	.0	.6	.6	.7	.0
13-- Miscellaneous liberal arts . . . . .	2.5	2.4	4.0	1.9	2.2	2.2	2.3	2.8	2.9	2.7	5.1	1.2
1900 Other general education . . . . .	.2	.2	.0	.0	.2	.2	.0	.0	.2	.2	.0	.0
2000 Occupational training . . . . .	55.3	55.3	57.2	49.5	66.7	67.2	60.0	62.1	42.9	41.6	55.4	39.9
2100 Vocational & technical . . . . .	30.3	29.6	38.8	27.3	35.1	35.0	38.3	27.4	25.0	23.4	39.1	27.3
2110 Agriculture, forestry, fishery . . . . .	.8	.8	.7	.0	1.3	1.4	1.3	.0	.2	.2	.2	.0
2120 Distribution & marketing . . . . .	1.5	1.6	.8	2.4	2.1	2.2	1.0	.0	.9	.9	.7	4.2

2130	Health occupations . . . . .	3.8	3.3	9.3	2.9	1.3	1.1	5.6	.0	6.4	5.9	11.6	5.1
2131	Dental services . . . . .	.1	.1	.8	.0	.0	.0	.0	.0	.3	.2	1.3	.0
2132	Hospital aide . . . . .	.9	.8	1.8	.0	.3	.3	1.3	.0	1.5	1.4	2.1	.0
2133	Laboratory technology . . . . .	.2	.3	.2	.0	.1	.1	.4	.0	.4	.4	.0	.0
2134	Nursing . . . . .	1.6	1.4	4.9	1.1	.0	.0	.0	.0	3.4	2.9	8.0	1.9
2135	Other medical services . . . . .	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.2	.0
2136	Occupational therapy . . . . .	.1	.1	.1	.0	.1	.1	.0	.0	.1	.1	.0	.0
2137	Physical therapy . . . . .	.0	.0	.1	.0	.0	.0	.4	.0	.0	.0	.0	.0
2138	Other rehabilitation services . . . . .	.6	.6	.9	1.8	.5	.4	2.2	.0	.7	.8	.0	3.2
2139	Other health occupations . . . . .	.2	.2	.5	.0	.2	.1	1.3	.0	.2	.2	.0	.0
2140	Home economics . . . . .	.7	.7	1.1	.0	.1	.1	.0	.0	1.4	1.4	1.7	.0
2150	Office occupations . . . . .	7.1	6.6	12.3	9.6	3.4	3.4	2.5	4.8	11.2	10.3	18.4	13.3
2160	Technical occupations . . . . .	5.6	5.7	3.9	4.6	9.2	9.4	6.6	8.0	1.6	1.5	2.3	2.1
2161	Computer programming . . . . .	1.6	1.6	1.8	.0	2.3	2.4	2.0	.0	.9	.8	1.6	.0
2162	Electronics . . . . .	2.1	2.1	1.2	3.7	16.8	3.8	2.6	5.7	3.3	.3	.4	2.1
2170	Trades & industry . . . . .	10.5	10.5	10.6	8.7	16.7	16.7	18.8	16.7	3.6	3.4	5.6	2.6
2171	Airconditioning, heating, plumbing . . . . .	1.4	1.4	1.0	1.0	2.6	2.6	2.5	2.4	.0	.0	.0	.0
2172	Automotive mechanics . . . . .	1.2	1.2	.5	.3	2.2	2.2	1.3	.8	.0	.0	.0	.0
2173	Aircraft maintenance . . . . .	.1	.1	.1	.0	.2	.2	.8	.0	.0	.0	.0	.0
2174	Commercial art . . . . .	1.2	1.3	.9	1.1	2.1	2.1	2.2	2.5	.3	.3	.0	.0
2175	Construction trades . . . . .	1.1	1.1	1.1	.0	2.1	2.1	2.4	.0	.1	.0	.2	.0
2176	Cooking, food handling . . . . .	.3	.3	1.1	.0	.3	.3	1.3	.0	.3	.2	1.0	.0
2177	Cosmetology, barbering . . . . .	.9	.9	1.9	.6	.2	.2	.7	.0	1.7	1.6	2.7	1.0
2178	Diesel mechanics . . . . .	.1	.1	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0
2179	Drycleaning, laundering . . . . .	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2180	Firefighting . . . . .	.5	.5	.3	.0	.9	.9	.8	.0	.0	.0	.0	.0
2181	Foremanship training . . . . .	.1	.1	.1	.0	.2	.2	.3	.0	.0	.0	.0	.0
2182	Industrial atomic energy . . . . .	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2183	Jewelry & watch repair . . . . .	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0
2184	Metal trades . . . . .	1.5	1.5	1.4	3.5	2.8	2.7	3.8	8.0	.0	.0	.0	.0
2185	Police . . . . .	1.1	1.1	.5	.9	2.0	2.0	1.4	2.1	.1	.1	.0	.0
2186	Shoe repair . . . . .	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2187	Upholstering . . . . .	.4	.4	.5	.0	.2	.2	.0	.0	.6	.6	.8	.0
2188	Woodworking . . . . .	.4	.5	.3	.4	.7	.7	.9	.9	.2	.2	.0	.0
2189	Other trades & industry . . . . .	.5	.5	.7	.9	.7	.8	.4	.0	.2	.1	.9	1.6
2190	Other vocational, technical, & industrial arts occupations . . . . .	1.3	1.3	1.3	.0	2.2	2.1	2.8	.0	.4	.4	.4	.0
2200	Managerial & proprietary . . . . .	16.5	17.2	8.1	12.3	23.6	24.2	12.7	21.4	8.8	9.2	5.2	5.3
2210	Administration . . . . .	8.3	8.7	4.6	7.7	12.4	12.7	7.2	13.5	3.9	4.1	3.0	3.3
2220	Communication & entertainment . . . . .	.8	.9	.6	.8	1.0	1.0	1.1	1.9	.6	.7	.2	.0
2230	Construction, manufacturing . . . . .	.2	.2	.0	.0	.4	.5	.0	.0	.0	.0	.0	.0
2240	Finance . . . . .	5.1	5.4	2.0	3.1	6.8	7.0	3.7	4.4	3.3	3.5	1.0	2.0
2250	Food, lodging, personal services . . . . .	.5	.5	.3	.0	.5	.5	.4	.0	.4	.5	.2	.0
2260	Government (public adminis- tration) . . . . .	.2	.3	.1	.0	.4	.4	.0	.0	.1	.1	.1	.0
2270	Merchandising . . . . .	.3	.3	.0	.0	.4	.5	.0	.0	.2	.2	.0	.0
2280	Transportation & utilities . . . . .	.5	.5	.8	.0	.8	.9	.3	.0	.2	.1	1.1	.0
2290	Other managerial & proprietary . . . . .	1.5	1.6	.3	.7	2.4	2.6	.4	1.7	.4	.4	.2	.0
2300	Professional . . . . .	11.6	11.6	11.6	10.6	12.2	12.2	11.2	15.4	10.9	10.9	11.9	6.9
2310	Engineering-related . . . . .	1.4	1.5	.4	2.0	2.7	2.8	.3	4.6	.1	.0	.4	.0
2311	Aeronautical . . . . .	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
2312	Architectural . . . . .	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0
2313	Chemical . . . . .	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2314	Civil . . . . .	.2	.2	.0	.0	.4	.4	.0	.0	.0	.0	.0	.0
2315	Electrical . . . . .	.2	.2	.1	.0	.4	.4	.3	.0	.0	.0	.0	.0
2316	Industrial . . . . .	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0
2317	Mechanical . . . . .	.1	.1	.0	1.0	.2	.2	.0	2.4	.0	.0	.0	.0
2318	Mining, metallurgy . . . . .	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2319	Other engineering . . . . .	.8	.9	.3	1.0	1.6	1.6	.0	2.2	.1	.0	.4	.0

See footnotes at end of table.

Table 10.--Individual participants engaged in specific adult education courses, according to activity description assigned by the coder, by sex and race: United States, year ending May 1969.--Continued

Participants <sup>1</sup> engaged in specific adult education activities												
Q.1 Activities coded (1)	Both sexes					Male			Female			
	Total (2)	White (3)	Black (4)	Other (5)	Total (6)	White (7)	Black (8)	Other (9)	Total (10)	White (11)	Black (12)	Other (13)
	Percent of total, participant population											
PARTICIPANT POPULATION (total numbers in thousands) . . . . . 13,041 11,928 982 131 6,800 6,368 376 57 6,241 5,561 606												
2400 Professional (Continued)												
2320 Medical-related . . . . .	.9	1.0	.2	.0	1.2	1.2	.3	.0	.7	.7	.2	.0
2321 Dentistry . . . . .	.1	.1	.1	.0	.2	.1	.3	.0	.1	.1	.0	.0
2322 Medical & surgical . . . . .	.5	.5	.0	.0	.5	.6	.0	.0	.4	.4	.0	.0
2323 Optometry . . . . .	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0
2324 Pharmacy . . . . .	.1	.1	.0	.0	.2	.2	.0	.0	.1	.1	.0	.0
2325 Podiatry . . . . .	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2326 Veterinary . . . . .	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0
2329 Other medical . . . . .	.2	.2	.1	.0	.2	.2	.0	.0	.1	.1	.2	.0
2330 Social-related . . . . . 8.5 8.3 10.5 8.6 7.3 7.1 10.1 10.8 9.8 9.7 10.8 6.9												
2331 Education . . . . .	3.6	3.5	4.7	8.6	2.9	2.8	3.0	10.8	4.4	4.2	5.8	6.9
2332 Law . . . . .	1.2	1.2	1.4	.0	1.8	1.8	3.4	.0	.4	.5	.2	.0
2333 Library science . . . . .	.2	.2	.1	.0	.0	.0	.0	.0	.4	.5	.2	.0
2334 Military science . . . . .	.2	.2	.0	.0	.3	.4	.0	.0	.0	.0	.0	.0
2335 Social science . . . . .	.4	.5	.3	.0	.5	.5	.8	.0	.3	.4	.0	.0
2336 Social work . . . . .	.3	.3	.3	.0	.2	.1	.4	.0	.5	.5	.1	.0
2337 Theology . . . . .	.6	.5	1.0	.0	.6	.5	1.8	.0	.5	.6	.5	.0
2338 Teaching . . . . .	2.6	2.6	3.2	.0	1.5	1.6	.9	.0	3.8	3.8	4.6	.0
2339 Other social-related . . . . .	.0	.0	.3	.0	.0	.0	.8	.0	.0	.0	.0	.0
2390 Other professional . . . . . .8 .9 1.1 1.1 1.1 1.1 1.4 .0 .5 .5 .0												
2900 Other occupational training . . . . . .6 .5 .8 1.1 .7 .7 1.4 .0 .4 .4 2.0												
3000 Community issues . . . . . 10.4 10.8 6.1 3.5 9.3 9.4 7.4 2.9 11.6 12.4 5.4 4.0												
3100 Civic & public affairs . . . . .	2.7	2.7	1.6	2.3	2.4	2.5	1.4	.0	3.0	3.1	1.8	4.0
3110 Community participation . . . . .	1.4	1.5	.5	1.3	1.2	1.3	.0	.0	1.7	1.7	.7	2.2
3120 Domestic issues . . . . .	1.1	1.1	1.1	1.0	1.0	1.0	1.1	.0	1.2	1.2	1.1	1.8
3121 Conservation & pollution control . . . . .	.2	.2	.0	.0	.4	.4	.6	.0	.1	.1	.0	.0
3122 Educational crises . . . . .	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
3123 Urban problems . . . . .	.7	.7	1.1	1.0	.6	.6	1.1	.0	.9	.9	1.1	1.8
3129 Other domestic issues . . . . .	.1	.1	.0	.0	.1	.1	.0	.0	.1	.1	.0	.0
3130 International affairs . . . . .	.1	.1	.1	.0	.1	.1	.3	.0	.1	.2	.0	.0
3190 Other civic & public affairs . . . . .	.1	.1	.1	.0	.1	.1	.0	.0	.1	.1	.1	.0
3200 Religion . . . . . 4.6 4.9 2.2 .0 3.2 3.2 3.7 .0 6.1 6.7 1.3 .0												
3210 Bible study . . . . .	2.2	2.3	1.2	.0	1.4	1.4	2.2	.0	3.0	3.3	.7	.0
3220 Church organization & problems . . . . .	.5	.5	.2	.0	.4	.4	.3	.0	.6	.6	.2	.0
3290 Other religion . . . . .	2.0	2.2	.8	.0	1.5	1.6	1.2	.0	2.6	2.9	.5	.0
3300 Safety & survival . . . . . 3.3 3.4 2.3 1.2 3.8 3.9 2.3 2.9 2.8 2.9 .0												
3310 Accident prevention, first aid, lifesaving . . . . .	1.5	1.6	.5	.0	1.8	1.9	.7	.0	1.2	1.3	.3	.0
3320 Civil defense . . . . .	.3	.3	.7	.7	.4	.4	.6	1.6	.3	.2	.8	.0
3330 Driver training . . . . .	1.0	1.0	.7	.6	.8	.8	.4	1.3	1.1	1.1	.9	.0
3390 Other safety & survival . . . . .	.6	.7	.4	.0	1.0	1.0	.6	.0	.3	.3	.2	.0
3900 Other community issues . . . . .	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

4000	Personal & family living . . . . .	11.9	12.0	9.2	16.2	6.8	6.7	8.4	11.4	17.4	18.2	9.6	19.9
4100	Home & family living . . . . .	7.1	7.2	5.4	10.1	1.6	1.5	2.9	1.2	13.1	13.8	6.9	16.9
4110	Child care . . . . .	.4	.4	.5	1.2	.2	.1	.7	.0	.7	.7	.4	2.0
4120	Cooking . . . . .	.7	.8	.1	3.4	.1	.1	.0	.0	1.5	1.5	.2	6.1
430	Family relations . . . . .	1.0	1.0	.5	.8	.5	.5	.0	.0	1.5	1.9	.8	1.4
4140	Flower arranging . . . . .	.5	.6	.2	.8	.2	.3	.0	.0	.8	.9	.4	1.4
4150	Household management . . . . .	.3	.3	.4	.5	.2	.2	.4	1.2	.4	.4	.4	.0
4160	Interior decorating . . . . .	.7	.7	.4	1.1	.2	.1	1.1	.0	1.3	1.4	.0	1.9
4170	Sewing . . . . .	3.5	3.5	3.4	2.4	.2	.1	.7	.0	7.0	7.3	5.1	4.1
4190	Other home & family living . . . . .	.1	.1	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0
4200	Personal development . . . . .	5.0	5.1	3.9	6.1	5.3	5.3	5.6	10.2	4.7	4.9	2.9	3.0
4210	Communication . . . . .	.6	.6	.3	1.5	.8	.8	.4	3.5	.4	.5	.2	.0
4220	Grooming . . . . .	.2	.2	.4	.9	.0	.0	.4	.0	.4	.4	.3	1.1
4230	Money management . . . . .	.6	.7	.1	.0	.8	.6	.0	.0	.5	.5	.2	.0
4240	Physical fitness & self-defense . . . . .	1.5	1.5	1.6	.0	.9	.8	2.8	.0	2.1	2.2	.9	.0
4250	Public speaking . . . . .	.9	1.0	.1	2.9	1.5	1.6	.4	6.6	.2	.3	.0	.0
4260	Speed reading . . . . .	.7	.7	.7	.0	.9	.9	1.2	.0	.4	.4	.4	.6
4270	Understanding self . . . . .	.3	.3	.2	.0	.2	.2	.0	.0	.4	.4	.2	.0
4290	Other personal development . . . . .	.4	.3	.5	.8	.3	.3	.4	.0	.5	.4	.6	1.4
4900	Other personal & family living . . . . .	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
5000	Social & recreational lessons . . . . .	11.5	12.1	4.5	11.8	6.6	6.7	5.3	6.5	16.8	18.2	4.0	15.9
5100	Hobbies & handicrafts . . . . .	8.5	8.8	3.5	11.3	4.1	4.2	3.3	6.5	1.7	1.7	.3	14.9
5110	Art production . . . . .	5.9	6.1	2.3	10.4	2.3	2.3	1.9	4.3	9.8	10.5	2.5	14.9
5120	Music performance . . . . .	2.4	2.5	1.5	.9	1.7	1.7	1.4	2.2	3.1	3.4	1.2	.0
5130	Theater production . . . . .	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
5190	Other hobbies & handicrafts . . . . .	.3	.3	.0	.0	.2	.3	.0	.0	.3	.3	.0	.0
5200	Group recreational lessons . . . . .	1.1	1.2	.4	.5	.5	.5	.7	.0	1.8	2.0	.2	1.0
5210	Bridge lessons . . . . .	.0	.6	.1	.0	.3	.3	.3	.0	.9	1.0	.0	.0
5220	Dancing lessons . . . . .	.5	.6	.2	.5	.2	.2	.4	.0	.9	1.0	.2	1.0
5290	Other group recreational lessons . . . . .	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0
5300	Sports lessons . . . . .	2.1	2.3	.3	.0	2.0	2.1	.6	.0	2.2	2.5	.1	.0
5900	Other social & recreational lessons . . . . .	.1	.0	.3	.0	.1	.0	.8	.0	.1	.1	.0	.0
9000	Miscellaneous . . . . .	1.2	1.2	2.2	.0	1.5	1.5	1.8	.0	1.0	.8	2.4	.0

<sup>1</sup> Age 17 or over, not regular full-time students, engaged in one or more activities of organized instruction. Since persons age 35 and over were not asked whether they were full-time students, they may be included.

<sup>2</sup> General education development, courses to prepare for high school equivalency examination.

NOTE.--Percent detail may not add to 100.0 because of rounding. Furthermore, percents for adult education items may total more than 100.0 because a participant may have engaged in more than one activity and the separate activities could have been for different options and could have been tabulated for each as appropriate. However, a participant with more than one activity in an option was tabulated only once in an option. Thus, an unduplicated count of people was obtained within an option, and standard errors can be used.

#### IV. CHARACTERISTICS OF ADULT EDUCATION PARTICIPANTS

The eight tables in this section describe the kinds of people who engage in specific kinds of adult education by selectively matching the socioeconomic characteristics of the participants with questions from the Adult Education Survey Instrument.

Each table deals with a single adult education question. The questions are identified by number and appear in the same order as on the survey form. Questions 1, 5, 7, and 8 are omitted here because they have certain similarities to other questions and data from these four questions appear elsewhere in the report.

In all tables presenting unduplicated counts for the adult education questions, row numbers, and numbers converted from percents across rows, will exceed totals because a participant may have engaged in more than one activity and the separate activities could have been for different options within a question. (Additionally, for questions 6 and 12 the participant was permitted to respond to more than one option for the same activity.) But all data cells were independently tabulated so that a participant was counted only once in a data cell; thus, unduplicated counts were obtained within a data cell and standard errors can be used.

##### Duration of Adult Education

No minimum or maximum duration for activities was imposed in the survey because one of its purposes was to determine how much time was spent in adult education. Some categorization was required, however, to handle the responses.

Guidance in the establishment of time categories came from conferences with people concerned with the subject as well as from reading numerous brochures about adult education offerings. The frequency of duration was tallied for activities scheduled by various sponsors such as the YWCA, public schools, junior colleges, university continuing education departments, civil service employee training units, professional associations, traffic schools, and correspondence schools. Reports from other surveys and pretests of this survey were also taken into consideration.

The result was the development of categories which could be translated into clock hours, normal work days, work weeks, months, and years, as well as contact hours,

semester hours, and credit hours used by school systems and universities. Categories set at 10, 20, 30, and 40 hours should provide information to institutions applying the continuing education unit (CEU)<sup>1</sup>. Furthermore, the duration categories should enable a separation between part-time and full-time students.

Medians for time scheduled and spent in adult education for the year ending May 1969 are given below:

Q. 7	Hours scheduled per week <sup>2</sup>	3.95
Q. 8	Weeks scheduled <sup>2</sup>	13.29
Q. 9	Hours spent per year on instruction <sup>2</sup>	32.93
Q. 9	Hours spent per year on homework <sup>2</sup>	20.97
Q. 9	Sum of instructional hours during the past year for all activities	44.49

### Selected Findings

Of the 3,874,000 men in occupational training, 57.7 percent were veterans: 12.5 percent from the Vietnam War, 11.8 from the Korean conflict, and 33.5 percent from other military service (table 11).

Divorce and widowhood apparently make new educational demands on women. Whereas widowed or divorced men constituted only 2.4 percent of the 6,800,000 male participants in adult education, widowed or divorced women made up 9.7 percent of the 6,241,000 women engaged in adult education (table 11).

In regard to their reasons for engaging in adult education, women were about equally divided between personal and family interest (1,892,000) and job improvement or advancement (1,857,000). The majority of the men, 4,041,000 or 59.0 percent of the total 6,800,000 men participating in adult education, gave as their reason, "to improve or advance in job" (derived from table 12).

Of the 1,892,000 women who took adult education for personal or family interest, 58.8 percent were unemployed or not in the labor force. One might argue that, as many of these women probably were engaged in raising families, these courses, too, had immediate "job-related" attributes. Of the 1,857,000 women who said they were taking adult education to improve or advance in a job, 28.5 percent were clerical workers and 25.1 percent were elementary, secondary, or vocational school teachers. Only 6.5 percent of the 4,041,000 men taking adult education to improve or advance in a job were elementary, secondary, or vocational school teachers; 20.7 percent were craftsmen or related, 15.1 percent were managers or administrators, and 17.7 percent were in other professional or technical occupations (table 12).

<sup>1</sup> The continuing education unit is defined as 10 hours of organized continuing education experience under responsible sponsorship, capable direction, and qualified instruction. The unit is being used, increasingly, to quantify adult education activities in colleges and universities.

<sup>2</sup> First activity only.

Of the 1,423,000 participants who were taking their adult education for the purpose of preparing for a new job, the largest proportions were training for medical, teaching, or other professional occupations (24.5 percent), for office or sales positions (18.3 percent), or for service work (10.6 percent) (unpublished data).

Of the 217,000 persons preparing for a profession (other than engineering, medicine, or teaching), 22.6 percent were already employed at the professional level. Others were clerical workers (17.0 percent), operatives (15.7 percent), or unemployed or not in the labor force (12.9 percent). As expected, they were better educated than the average: 36.4 percent were high school graduates, 28.1 percent had some college, 13.8 percent were college graduates, and 12.4 percent had done postgraduate work (unpublished data).

The largest number of blacks got their adult education from public grade schools or high schools--217,000 or 22.1 percent of the 982,000 blacks engaged in adult education. Of the 217,000, 74.1 percent resided in the central city. Private vocational, trade, or business schools sponsored or administered adult education for 144,000 blacks, of whom 71.3 percent were central city residents. Of the 182,000 blacks participating in adult education at 4-year colleges or universities, 57.6 percent were from the central city (table 13).

High school graduates were more likely than people at any other level of educational attainment to receive employer-sponsored adult education: 54.5 percent of the 546,000 white women, 47.2 percent of the 1,578,000 white men, 43.6 percent of the 60,000 black women, and 41.5 percent of the 74,000 black men receiving employer-sponsored adult education were high school graduates (table 13).

College graduates and working people were most likely to complete their adult education. College graduates comprised 15.2 percent of the 13,041,000 participants and 17.9 percent of the 9,065,000 persons completing their adult education. Employed persons were 76.2 percent of all participants and 78.9 percent of those completing (table 16).

The youngest age group, age 17-24, had the highest rate for dropping adult education. This group constituted 19.9 percent of all 13,041,000 participants and 32.2 percent of the 1,188,000 dropouts. Women were more likely than men to drop their adult education; 47.9 percent of all participants and 55.2 percent of those who dropped out were women. Blacks made up 7.5 percent of all adult education participants and 13.5 percent of those who dropped out. People who did not complete elementary school or high school often did not complete adult education; persons with a 9th-, 10th-, or 11th grade education made up 10.2 percent of all participants and 15.7 percent of the dropouts; people with an 8th-grade education or less were 5.0 percent of all participants and 9.5 percent of the dropouts. High school graduates were not much better; they constituted 38.9 percent of all participants and 43.2 percent of the dropouts (table 16).

The government financed adult education for large proportions of participants in the lower income brackets; 13.7 percent of the 1,311,000 persons in government-paid adult education had family incomes under \$3,000. Persons with family incomes under \$3,000 were 5.3 percent of all 13,041,000 adult education participants. For all income groups under \$10,000, the proportions of participants with government-paid adult education were considerably higher than their corresponding proportions of all adult education participants (table 18).

The percentages of the 7,463,000 participants who paid for their own adult education, or whose families paid, remained fairly close to their corresponding percentages of all 13,041,000 participants in all family income categories (table 18).



Table 11.--Primary groupings of adult education activity categories chosen by participants, by selected participant characteristics: United States, year ending May 1979

Participant characteristics	Total participants	Q.2--Primary groupings of activity categories chosen by participants							Activity categories not reported
		General education		Occupational training		Community issues	Personal & family issues	Social & recreational lessons	
		Total	Adult basic education	Total	Vocational and technical				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
PARTICIPANT POPULATION (in thousands)									
Age:	13,041	3,553	585	9,816	2,951	1,377	1,586	1,552	419
17-24	19.7	30.2	21.0	19.9	25.5	8.8	14.6	11.4	13.8
25-34	33.4	35.2	30.8	33.0	36.1	29.2	32.2	31.8	29.8
35-44	22.9	19.9	23.9	22.5	19.5	28.1	25.1	24.7	24.9
45-54	15.7	11.1	18.4	16.2	13.4	18.1	19.7	17.0	21.0
55-64	5.3	3.0	3.9	5.5	4.7	9.3	7.8	10.0	8.7
65 and over	2.1	1.7	2.0	1.9	1.7	6.0	3.2	5.2	2.0
Regular school completed									
None - 8th grade	3.0	29.0	29.0	3.8	5.9	5.4	3.7	3.4	1.4
9th - 11th grade	10.2	12.7	23.8	8.9	12.8	10.5	8.8	8.3	11.2
High school graduate	36.9	23.5	25.3	44.7	55.1	41.1	44.1	41.4	38.3
Some college	19.8	24.9	11.8	18.1	16.9	16.7	19.8	21.7	15.7
College graduate	15.2	18.3	7.2	13.9	9.2	15.3	17.0	16.5	13.6
Postgraduate	11.0	13.9	3.9	10.5	3.1	11.0	10.5	8.9	14.9
Race									
White	91.5	88.9	73.9	91.1	89.0	9.1	94.3	69.6	89.2
Black	7.5	9.9	23.2	7.9	9.9	4.8	4.9	2.3	16.1
Other	1.0	1.2	2.9	1.0	1.0	.1	1.1	1.1	.7
Sex									
Male	52.1	49.7	43.1	69.1	66.0	46.4	35.3	25.1	48.1
Female	47.9	50.5	50.9	33.4	34.0	53.6	64.7	74.9	51.9
Family income?									
Under \$3,000	5.3	7.2	14.4	5.1	6.5	6.9	2.9	5.1	3.1
\$3,000 - \$3,999	2.6	4.0	7.8	2.3	2.9	1.3	1.4	2.7	1.0
\$4,000 - \$4,999	3.3	3.3	6.1	3.1	4.8	3.2	3.8	2.0	3.5
\$5,000 - \$5,999	4.6	4.3	5.9	5.1	5.7	3.8	3.3	4.6	7.0
\$6,000 - \$6,999	13.7	15.7	17.8	13.6	17.1	12.7	10.9	8.3	14.1
\$7,000 - \$7,999	15.9	14.2	11.4	16.8	19.0	16.9	15.2	10.6	10.6
\$8,000 - \$8,999	15.9	16.1	12.8	15.9	15.9	16.2	15.0	17.2	21.0
\$9,000 - \$9,999	15.8	15.1	12.5	14.8	13.0	19.7	20.0	11.9	14.9
\$10,000 - \$10,999	18.7	17.3	9.4	18.8	13.5	17.1	19.8	21.4	24.1
\$11,000 - \$11,999	4.3	2.6	2.0	4.3	1.6	2.4	7.7	7.8	3.7
\$12,000 and over	1.1	.1	.0	.1	.1	.6	.0	.0	.0
Source of family income?									
No income	32.4	35.4	38.3	32.6	34.6	32.4	25.8	26.7	32.1
Salary	1.1	.8	2.5	1.1	1.0	2.1	.6	1.0	.5
Self-employed	3.6	3.5	4.7	4.2	4.6	2.8	4.0	4.4	5.3
Salary & self-employed	50.4	50.6	41.2	51.3	49.1	44.8	53.8	52.3	48.2
Salary & other	1.8	1.1	1.1	1.4	1.1	3.4	2.9	3.1	1.2
Self-employed & other	8.2	6.2	4.3	8.1	7.2	10.8	10.9	9.9	11.1
Salary, self-employed, & other	2.1	2.3	8.0	1.1	1.0	3.2	3.0	3.4	1.6
Other only	37.4	39.8	45.5	38.2	40.3	37.8	30.4	31.2	38.0
Source of income, not earnings?									
No earned income	1.9	2.2	3.8	2.4	3.2	.7	1.1	.4	.0
Social security & railroad retirement	36.7	32.1	16.5	35.4	26.2	38.5	46.3	45.1	42.2
Dividends, savings, interest, bonds, net rental, trust	1.5	1.4	5.5	1.8	2.6	.4	1.2	1.0	1.9
Welfare, public assistance	4.6	5.9	4.5	5.0	6.7	4.3	3.0	2.2	2.3
Unemployment compensation, veterans payments, workmen's compensation, government pension	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4

Percent of total, participant population

Private pension or annuity, alimony, source outside household . . . . .	2.5	3.1	4.2	2.2	3.0	2.3	1.9	1.5	2.7	.0
All combinations . . . . .	15.3	15.4	19.9	15.0	17.9	15.9	16.1	18.7	12.9	4.4
Class of worker: . . . . .	13,041	3,553	585	5,816	2,951	1,202	1,580	1,552	510	62
Labor force . . . . .										
Private . . . . .	53.3	51.0	54.8	64.8	68.1	43.1	44.3	33.6	47.6	84.5
Government . . . . .	21.7	30.7	17.8	21.5	17.6	17.3	15.0	11.6	27.9	56.6
Self-employed . . . . .	4.6	2.2	1.9	5.4	3.7	6.6	4.6	4.4	6.0	25.9
Without pay . . . . .	.6	.3	1.1	.3	.4	1.4	1.0	1.2	.5	.0
Never worked . . . . .	.1	.2	.0	.2	.2	.0	.1	.2	.2	2.1
Not in labor force . . . . .	19.8	15.6	24.4	7.8	10.1	31.6	35.1	49.0	17.9	15.5
Employment status: . . . . .										
Working . . . . .	76.2	79.5	70.2	87.6	84.2	66.3	60.8	48.9	78.1	82.4
With job but not working . . . . .	2.1	2.0	3.0	2.7	3.2	1.3	2.4	1.7	2.0	.0
Seeking work . . . . .	1.6	2.9	2.4	1.8	2.5	.8	1.7	.9	2.0	2.1
Keeping house . . . . .	17.7	12.7	17.9	3.5	6.9	29.4	32.5	46.2	16.4	7.9
Going to school . . . . .	1.0	1.5	2.4	1.1	1.3	.1	.5	.4	2	.0
Unable to work . . . . .	.1	.1	.5	.1	.1	.0	.2	.0	.5	5.6
Other (including retired) . . . . .	1.5	1.3	3.6	1.1	1.7	2.1	1.9	2.4	.8	2.0
Occupation: . . . . .										
Professional/technical . . . . .	25.6	34.6	11.1	26.5	14.7	23.2	18.9	16.8	29.4	21.5
Engineers . . . . .	2.9	2.7	.7	3.8	3.1	3.2	2.1	2.1	2.3	.0
Medical/health . . . . .	3.0	1.5	1.1	4.4	1.2	3.6	2.2	3.3	2.5	6.1
Teachers, except college . . . . .	8.0	17.0	4.9	5.2	1.7	4.7	4.6	4.6	10.6	13.7
Other professional/technical . . . . .	11.8	13.4	4.4	13.0	8.7	11.7	10.0	6.8	13.9	1.7
Farmers, farm managers, foremen & laborers . . . . .	1.2	1.0	3.0	1.2	1.7	2.2	.9	1.1	1.9	.0
Managers & administrators . . . . .	8.7	4.9	3.2	11.6	7.2	9.1	9.6	6.8	7.2	4.3
Sales . . . . .	4.6	3.0	3.1	6.2	5.2	2.6	4.5	3.1	4.9	6.8
Clerical . . . . .	13.4	14.5	12.0	13.3	15.1	8.6	15.1	12.4	11.7	22.8
Craftsmen & kindred . . . . .	9.7	6.2	10.1	14.7	20.7	9.2	4.2	3.0	8.8	16.0
Operatives . . . . .	7.5	8.8	13.8	8.5	12.6	5.8	4.4	2.8	6.5	3.7
Service workers, domestics, & nontarm laborers . . . . .	7.7	8.5	16.8	8.4	10.3	6.9	5.5	4.3	9.8	7.2
Unemployed or not in labor force . . . . .	21.7	18.5	26.8	9.6	12.6	32.4	36.8	49.9	19.9	17.6
Region: . . . . .										
Northeast . . . . .	22.5	22.5	17.6	21.5	20.4	18.0	21.3	25.6	29.1	26.5
North Central . . . . .	29.7	25.5	25.4	30.6	30.5	34.4	30.5	32.8	27.4	14.5
South . . . . .	24.7	25.7	31.3	25.9	26.6	26.0	18.8	16.9	24.4	27.5
West . . . . .	23.5	26.3	25.8	22.0	22.5	21.6	29.4	24.7	19.1	31.5
Metropolitan status: . . . . .										
In SMSA . . . . .	70.6	70.9	68.2	69.4	68.7	63.9	78.8	76.1	71.1	83.3
Central city . . . . .	28.9	32.2	33.2	28.8	28.3	23.4	29.7	23.7	28.8	46.3
Not central city . . . . .	41.7	38.6	35.0	40.6	40.4	40.5	49.1	52.4	42.3	36.9
Not in SMSA . . . . .	29.4	29.1	31.8	30.6	31.3	36.1	21.2	23.9	28.9	16.7
Farm . . . . .	2.6	2.0	1.6	2.5	2.5	5.5	2.2	2.1	2.8	.0
Nonfarm . . . . .	26.8	27.1	30.2	28.1	28.8	30.6	19.0	21.8	26.1	16.7
VETERAN STATUS (male participants, numbers in thousands) . . . . .	6,800	1,759	252	3,874	1,947	559	558	390	245	2

Percent of total, participant population

Veterans . . . . .	54.4	47.2	40.0	57.7	57.4	51.7	60.5	51.8	41.1	
Vietnam era . . . . .	10.8	11.7	5.8	12.5	15.8	3.5	6.7	4.5	.0	
Korean war . . . . .	11.9	8.9	7.2	11.8	16.6	16.7	14.7	15.8	13.2	
Other . . . . .	31.7	26.5	26.9	33.5	30.8	31.6	39.1	31.0	27.8	
Nonveterans . . . . .	45.6	52.8	60.0	42.3	42.6	48.3	39.5	48.2	44.2	58.9

RACE AND AGE:

White (numbers in thousands) . . . . .	11,928	3,160	432	5,296	2,628	1,143	1,490	1,500	455	55
17 - 34 . . . . .	53.0	66.6	54.6	54.1	60.7	39.0	45.7	42.9	43.3	68.0
35 - 54 . . . . .	38.6	29.7	39.3	38.9	33.4	46.5	41.9	41.9	46.7	29.4
55 and over . . . . .	8.4	3.6	6.0	6.9	5.9	14.6	9.2	15.2	9.9	2.6

See footnotes at end of table.

Table 11. --Primary groupings of adult education activity categories chosen by participants, by selected participant characteristics: United States year ending May 1969.--Continued

Participant characteristics (1)	Total participants <sup>1</sup> (2)	Q. 2--Primary groupings of activity categories chosen by participants								Activity categories not reported (11)
		General education		Occupational training		Community issues (7)	Personal & family living (8)	Social & recreational lessons (9)	Other (10)	
		Total (3)	Adult basic education (4)	Occupational training						
				Total (5)	Vocational and technical (6)					
RACE AND AGE (Continued):										
Black (numbers in thousands) . . . . .	982	350	135	462	293	57	73	35	51	7
Percent of total, black only										
17 - 34 . . . . .	56.5	54.5	43.8	64.5	70.1	21.1	55.2	42.0	46.7	100.0
35 - 54 . . . . .	38.7	42.7	50.8	34.4	28.6	49.9	39.0	39.7	36.0	0
55 and over . . . . .	4.8	2.8	5.4	1.1	1.3	29.0	5.7	18.3	17.3	.0
Other races (numbers in thousands) . . . . .	131	43	17	58	30	2	17	17	4	0
Percent of total, other races										
17 - 34 . . . . .	57.1	62.6	43.6	53.6	61.6	.0	53.8	65.9	27.5	0
35 - 54 . . . . .	40.0	32.1	50.4	46.4	38.4	55.2	46.2	23.4	72.5	.0
55 and over . . . . .	2.9	5.2	6.0	.0	.0	44.8	.0	10.7	0	.0
RACE AND REGULAR SCHOOL COMPLETED:										
White (numbers in thousands) . . . . .	11,928	3,160	432	5,296	2,628	1,143	1,490	1,500	455	55
Percent of total, white only										
None - 8th grade . . . . .	4.5	5.7	25.9	3.5	5.5	4.8	3.4	3.0	5.9	6.8
9th - 11th grade . . . . .	9.1	10.9	21.0	7.9	11.4	9.9	6.3	8.0	10.4	8.5
High school graduate . . . . .	39.3	23.8	27.3	44.9	55.7	41.7	44.4	41.5	39.3	40.2
Some college . . . . .	20.3	26.3	13.3	18.5	17.6	16.9	20.1	21.7	16.2	14.8
College graduate . . . . .	15.6	19.0	7.6	14.3	6.5	15.7	15.6	16.7	13.6	22.6
Postgraduate . . . . .	11.2	14.3	5.0	10.9	3.4	11.1	10.1	9.0	14.7	7.1
Black (numbers in thousands) . . . . .	982	350	135	462	293	57	73	35	51	7
Percent of total, black only										
None - 8th grade . . . . .	11.0	15.3	37.6	7.2	9.9	18.0	10.3	20.4	12.1	.0
9th - 11th grade . . . . .	23.7	27.6	31.6	21.9	26.2	20.6	16.9	24.4	17.1	17.4
High school graduate . . . . .	33.8	19.8	22.2	43.3	51.1	29.4	38.6	26.5	32.4	15.4
Some college . . . . .	13.3	13.8	6.6	14.2	10.5	14.3	12.1	14.6	11.9	52.9
College graduate . . . . .	9.6	13.0	2.0	7.7	1.6	8.0	6.2	6.2	8.7	14.3
Postgraduate . . . . .	8.6	10.6	.0	5.6	.7	9.7	16.0	7.9	17.9	.0
Other races (numbers in thousands) . . . . .	131	43	17	58	30	2	17	17	4	0
Percent of total, other races										
None - 8th grade . . . . .	7.5	18.3	38.9	3.5	6.7	.0	.0	6.0	.0	.0
9th - 11th grade . . . . .	8.5	16.5	34.1	2.4	4.6	44.8	5.8	.0	27.5	.0
High school graduate . . . . .	36.7	30.3	.0	34.4	42.2	55.2	33.6	58.2	.0	.0
Some college . . . . .	18.3	17.4	15.0	17.4	22.3	.0	31.8	17.0	.0	.0
College graduate . . . . .	16.9	5.6	4.0	26.3	24.3	.0	.0	18.8	72.5	.0
Postgraduate . . . . .	12.0	11.7	8.0	16.0	.0	.0	28.9	.0	.0	.0

## RACE AND METROPOLITAN STATUS:

White (numbers in thousands)	11,928	3,100	432	5,276	1,143	1,490	1,500	455	55
Percent of total, white only									
In SMSA <sup>1</sup>	69.6	69.9	65.2	68.2	63.5	78.1	76.2	68.7	83.6
Central city	25.7	28.4	22.9	25.6	22.0	27.8	22.7	23.4	45.9
Not central city	13.9	41.5	42.3	42.6	41.0	50.3	53.5	45.3	37.6
Not in SMSA	30.4	30.1	34.8	31.8	36.5	21.9	23.8	31.3	16.4
Farm	2.7	2.1	1.4	2.6	5.2	2.2	2.1	3.1	.0
Nonfarm	27.7	28.0	33.5	29.2	31.3	19.7	21.7	28.2	16.4
Black (numbers in thousands)	982	350	135	462	57	73	35	51	7
Percent of total, black only									
In SMSA <sup>1</sup>	81.3	78.4	74.4	81.2	72.0	91.3	70.3	95.0	81.1
Central city	64.3	65.6	63.5	62.8	51.2	60.8	56.2	76.4	49.4
Not central city	16.9	12.8	10.9	18.1	20.9	30.5	14.1	18.7	31.7
Not in SMSA	18.7	21.6	25.6	18.8	28.0	8.7	29.7	5.0	18.9
Farm	2.1	1.7	2.7	1.1	12.1	1.4	.0	.0	.0
Nonfarm	16.7	19.9	22.9	17.4	15.9	7.3	29.7	5.0	18.9
Other races (numbers in thousands)	131	43	17	58	2	17	17	4	0
Percent of total, other races									
In SMSA <sup>1</sup>	81.2	79.0	94.6	83.6	44.8	94.2	80.7	35.4	.0
Central city	31.1	42.6	55.9	51.6	44.8	67.5	44.4	35.4	.0
Not central city	30.1	36.4	42.6	32.0	.0	26.8	36.3	.0	.0
Not in SMSA	18.8	21.0	5.4	16.4	55.2	5.8	19.3	64.6	.0
Farm	2.8	.0	.0	4.3	.0	.0	4.7	.0	.0
Nonfarm	16.0	21.0	5.4	11.5	55.2	5.6	14.7	64.6	.0
SEX AND AGE:									
Male (numbers in thousands)	6,800	1,749	252	3,874	559	558	390	245	26
Percent of total, male only									
17 - 34	56.0	70.9	52.2	50.0	38.9	43.6	40.9	48.5	68.7
35 - 54	38.0	26.6	42.3	38.6	49.3	48.8	44.7	45.0	25.8
55 and over	6.1	2.5	5.5	5.5	11.9	7.6	14.4	6.5	5.6
Female (numbers in thousands)	6,241	1,793	333	1,943	644	1,022	1,162	265	36
Percent of total, female only									
17 - 34	50.5	69.0	51.5	53.0	37.4	47.7	43.9	38.9	74.0
35 - 54	39.3	3.0	42.3	38.8	44.4	42.7	40.6	46.7	20.0
55 and over	10.2	2.9	7.2	8.2	18.3	9.6	15.5	14.4	.0

See footnotes at end of table

Table 11.--Primary groupings of adult educational activity categories chosen by participants, by selected participant characteristics: United States: year ending May 1969.--Continued

Participant characteristics (1)	Total participants (2)	Q. 2--Primary groupings of activity categories chosen by participants							Activity categories not reported (11)	
		General education		Occupational training		Community issues (7)	Personal & family living (8)	Social & recreational lessons (9)		Other (10)
		Total (3)	Adult basic education (4)	Total (5)	Vocational and technical (6)					
SEX AND REGULAR SCHOOL COMPLETED										
Male (numbers in thousands)	6,800			3,874	1,947	559	558	390	245	26
Percent of total, male only										
None - 8th grade	7.7	34.6	4.1	6.4	7.4	3.4	3.4	3.1	1.8	4.8
9th - 11th grade	11.2	19.2	8.3	12.0	10.2	5.8	5.8	7.3	1.3	9.5
High school graduate	36.0	20.3	42.2	53.7	35.4	33.8	33.8	25.4	34.2	19.8
Some college	20.2	25.7	19.1	18.6	14.0	21.0	21.0	21.1	14.6	31.0
College graduate	15.0	15.2	14.2	6.1	17.4	17.7	17.7	22.0	12.1	19.9
Postgraduate	13.8	13.9	12.1	3.2	15.6	18.3	18.3	21.0	21.1	15.1
Female (numbers in thousands)	6,241	333	1,943	1,004	644	1,022	1,162	265	36	
Percent of total, female only										
None - 8th grade	4.6	24.7	3.3	4.9	3.7	3.8	3.8	3.6	8.0	6.9
9th - 11th grade	11.1	27.3	10.2	14.4	10.7	7.4	7.4	8.7	9.2	9.6
High school graduate	42.0	29.2	49.6	57.8	46.1	49.6	49.6	46.7	42.1	49.8
Some college	19.0	21.3	16.1	13.6	19.1	19.2	19.2	21.6	16.6	10.8
College graduate	15.4	21.3	13.4	6.5	13.4	13.6	13.6	14.7	14.9	22.9
Postgraduate	7.9	2.8	7.4	2.9	7.0	6.4	6.4	4.8	9.2	.0
SEX AND RACE:										
Male (numbers in thousands)	6,800	1,759	252	3,874	1,947	559	558	390	245	26
Percent of total, male only										
White	93.6	92.8	81.3	93.9	92.8	94.6	95.3	98.0	89.6	81.4
Black	5.5	6.2	16.8	5.2	6.5	5.2	3.8	1.7	9.3	18.6
Other	.8	1.0	1.8	.8	.7	.3	1.0	.3	1.1	.0
Female (numbers in thousands)	6,241	1,793	333	1,943	1,004	644	1,022	1,162	265	36
Percent of total, female only										
White	89.1	85.1	68.3	85.3	81.8	95.6	93.7	96.2	88.9	93.0
Black	9.7	13.4	28.0	13.4	16.6	4.4	5.1	2.4	10.8	7.0
Other	1.2	1.4	3.7	1.3	1.6	.0	1.1	1.3	.4	.0
SEX AND EMPLOYMENT STATUS:										
Male (numbers in thousands)	6,800	1,759	252	3,874	1,947	559	558	390	245	26
Percent of total, male only										
Working	93.8	92.7	88.1	94.4	93.1	95.4	92.6	90.1	94.2	95.3
With job but not working	2.4	2.1	2.1	2.8	3.3	1.2	3.3	3.2	2.7	.0
Seeking work	1.3	2.7	2.6	1.0	1.2	.7	.5	.6	.5	.0
Keeping house	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
Going to school	.5	.4	.5	.7	.8	.0	.5	.3	.5	.0
Unable to work	.2	.2	.7	.1	.1	.0	.6	.0	1.0	.0
Other (including retired)	1.8	1.9	6.0	1.0	1.5	2.7	2.6	5.9	1.0	4.7

Female (numbers in thousands)												36
	6,241	1,793	333	1,943	1,004	644	1,022	1,162	265			
Percent of total, female only												
Working . . . . .	57.0	66.6	56.6	74.1	87.2	41.1	43.5	35.1	63.1	73.1	73.1	
With job but not working . . . . .	1.8	1.9	3.7	2.6	2.8	1.5	1.8	.5	1.4	.0	.0	
Seeking work . . . . .	2.5	3.0	2.3	3.6	5.1	.8	2.4	3.4	3.4	3.7	3.7	
Keeping house . . . . .	39.9	25.1	31.4	16.3	20.5	54.9	50.2	61.7	31.5	13.6	13.6	
Caring to school . . . . .	1.5	2.6	3.7	2.1	2.3	.2	.5	.4	.0	.0	.0	
Unable to work . . . . .	.1	.1	.4	.0	.0	.0	0	.0	0	9.6	9.6	
Other (including retired) . . . . .	1.2	.7	1.8	1.2	2.3	1.6	1.5	1.3	.5	.0	.0	
SEX AND MARITAL STATUS												
Male (numbers in thousands)	6,800	1,759	252	3,874	1,947	559	556	90	245	26	26	
Percent of total, male only												
Married, spouse present . . . . .	82.1	74.7	77.5	83.2	82.3	89.7	84.9	85.9	83.0	86.5	86.5	
Married, spouse absent . . . . .	1.4	.9	1.7	1.6	1.6	2.0	.9	1.3	2.1	.0	.0	
Widowed or divorced . . . . .	2.4	2.4	2.2	2.4	2.2	2.2	2.1	2.9	.5	4.7	4.7	
Never married . . . . .	14.2	21.9	18.2	12.9	13.9	6.1	12.2	9.9	13.8	14.7	14.7	
Female (numbers in thousands)	6,241	1,793	333	1,943	1,004	644	1,022	1,162	265	36	36	
Percent of total, female only												
Married, spouse present . . . . .	69.6	62.4	61.5	59.4	58.5	78.3	77.6	81.5	65.5	46.9	46.9	
Married, spouse absent . . . . .	4.1	4.4	4.2	6.1	6.4	1.2	2.1	2.6	5.1	7.5	7.5	
Widowed or divorced . . . . .	9.7	8.1	11.6	11.5	11.6	11.0	9.8	7.9	16.0	11.9	11.9	
Never married . . . . .	16.5	22.1	17.7	23.0	23.5	9.4	10.5	8.0	13.4	33.7	33.7	
REGION AND REGULAR SCHOOL COMPLETED												
Northeast (numbers in thousands)	2,936	799	103	1,253	602	216	337	397	148	16	16	
Percent of total, Northeast												
None - 8th grade . . . . .	4.6	5.7	23.1	3.4	5.5	4.2	3.9	3.9	4.7	22.7	22.7	
9th - 11th grade . . . . .	10.0	11.2	23.7	8.9	14.7	9.1	8.0	10.3	11.2	.0	.0	
High school graduate . . . . .	40.6	24.4	30.3	47.0	59.0	45.0	47.4	41.0	46.3	43.4	43.4	
Some college . . . . .	16.8	23.4	11.2	14.2	11.6	13.2	17.4	19.4	13.5	10.5	10.5	
College graduate . . . . .	16.3	20.8	8.0	14.4	5.0	17.1	13.4	17.3	13.2	14.4	14.4	
Postgraduate . . . . .	11.2	14.6	3.6	12.0	4.2	11.0	9.9	8.0	11.1	.0	.0	
North Central (numbers in thousands)	3,867	905	148	1,778	901	414	482	509	139	9	9	
Percent of total, North Central												
None - 8th grade . . . . .	3.9	4.5	19.7	3.1	4.4	5.4	4.0	1.6	7.4	0	0	
9th - 11th grade . . . . .	10.3	13.1	25.5	9.6	12.7	9.4	5.8	8.6	13.0	.0	.0	
High school graduate . . . . .	42.2	23.5	25.3	47.5	59.6	45.0	49.5	48.3	38.0	43.9	43.9	
Some college . . . . .	18.5	21.9	12.8	18.0	17.0	16.0	17.3	18.6	19.1	.0	.0	
College graduate . . . . .	17.2	22.7	10.2	12.5	4.3	14.5	15.5	16.8	9.3	41.2	41.2	
Postgraduate . . . . .	9.9	14.3	6.5	9.3	2.0	9.7	7.8	.2	12.7	14.8	14.8	
South (numbers in thousands)	3,176	912	183	1,508	786	313	206	267	127	17	17	
Percent of total, South												
None - 8th grade . . . . .	7.9	11.0	10.0	6.3	9.7	8.0	4.2	9.1	11.4	0	0	
9th - 11th grade . . . . .	11.4	14.6	22.6	9.7	12.7	11.2	8.7	7.4	7.9	7.5	7.5	
High school graduate . . . . .	36.6	20.6	24.6	44.7	53.3	39.4	39.4	34.8	30.6	40.0	40.0	
Some college . . . . .	19.4	23.1	6.1	17.4	15.0	15.9	23.2	22.7	14.9	43.8	43.8	
College graduate . . . . .	14.6	18.0	4.9	13.2	7.4	15.5	13.4	17.8	16.4	8.7	8.7	
Postgraduate . . . . .	10.1	12.5	3.8	8.6	2.0	10.1	11.0	11.2	16.6	0	0	

See footnotes at end of table.

Table 11.--Primary groupings of adult education activity categories chosen by participants, by selected participant characteristics: United States, Year ending May 1969.--Continued

Participant characteristics (1)	Total participants <sup>1</sup> (2)	Q. 2--Primary groupings of activity categories chosen by participants								Activity categories not reported (11)
		General education		Occupational training		Community issues (7)	Personal & family living (8)	Social & recreational lessons (9)	Other (10)	
		Total (3)	Adult basic education (4)	Total (5)	Vocational and technical (6)					
REGION AND REGULAR SCHOOL COMPLETED (Continued):										
West (numbers in thousands) . . . . .	3,002	936	151	1,277	663	259	464	383	97	20
Percent of total, West										
None - 8th grade . . . . .	3.8	5.8	28.5	2.4	3.8	3.3	2.7	3.5	1.4	.0
9th - 11th grade . . . . .	9.1	11.4	23.7	7.1	11.3	12.1	5.9	6.5	12.6	23.7
High school graduate . . . . .	35.0	25.4	25.4	38.3	47.5	33.9	38.9	37.0	36.0	26.7
Some college . . . . .	24.6	30.9	18.0	22.9	24.0	21.9	22.1	26.6	14.3	6.6
College graduate . . . . .	14.6	12.0	2.7	16.3	8.6	14.8	16.7	14.5	16.7	29.9
Postgraduate . . . . .	12.9	14.4	1.7	13.0	4.8	14.1	13.7	11.8	19.0	13.1

<sup>1</sup> Age 17 or over, not regular full-time students, engaged in one or more activities of organized instruction. Since persons age 35 and over were not asked whether they were full-time students, they may be included.

<sup>2</sup> Income data were collected separately in 1969. About 42 percent of the sample for the adult education survey matched the sample for which income data were available. See special standard errors for income data.

<sup>3</sup> Standard metropolitan statistical area.

NOTE.--Percent detail may not add to 100.0 because of rounding. Furthermore, for unduplicated counts for adult education items, row numbers, and numbers converted from percents across rows, will add to more than totals because a participant may have engaged in more than one activity and the separate activities could have been for different options within a question. But all data cells were independently tabulated so that a participant was counted only once in a data cell; thus, unduplicated counts were obtained within a data cell and standard errors can be used.

Table 12. --Reason for taking adult education, by selected participant characteristics: United States, year ending May 1969

Participant characteristics (1)	Total participants (2)	Q. 3--Reason for taking							Reason for taking not reported (10)
		For general information (3)	To improve or advance in job (4)	To get a new job (5)	For community activity (6)	For personal or family interests (7)	For social or recreational reasons (8)	Other (9)	
PARTICIPANT POPULATION (total numbers in thousands) . . . . .									
	13,041	1,856	5,898	1,423	342	2,588	870	1,250	51
Percent of total, participant population									
Age:									
17 - 24 . . . . .	19.9	20.1	17.1	36.7	4.2	16.0	13.2	32.2	40.1
25 - 34 . . . . .	33.4	30.9	37.0	32.1	29.2	31.0	32.0	32.7	39.3
35 - 44 . . . . .	22.9	23.1	23.8	17.9	32.2	23.4	23.7	18.6	2.5
45 - 54 . . . . .	15.7	17.6	16.0	10.0	20.6	17.9	16.6	10.3	14.8
55 - 64 . . . . .	5.9	6.2	5.4	2.7	8.4	7.2	9.8	4.7	3.3
65 and over . . . . .	2.1	2.2	.8	.6	5.5	4.5	4.6	1.5	0
Regular school completed:									
None - 8th grade . . . . .	5.0	7.1	3.9	4.4	6.0	6.5	2.2	3.5	4.7
9th - 11th grade . . . . .	10.2	8.7	8.1	12.9	13.3	10.7	8.3	14.0	19.2
High school graduate . . . . .	38.9	36.0	37.0	49.7	42.9	42.7	40.5	25.1	29.3
Some college . . . . .	19.8	22.6	19.0	18.6	15.2	19.7	20.4	25.6	12.3
College graduate . . . . .	15.2	14.6	18.0	9.5	15.6	12.4	18.1	16.7	21.2
Postgraduate . . . . .	11.0	11.0	14.0	4.8	7.0	8.0	10.5	15.1	13.3
Race:									
White . . . . .	91.5	91.8	92.0	83.7	94.8	93.3	96.9	91.8	89.4
Black . . . . .	7.5	7.4	7.2	15.0	4.9	5.3	1.9	7.5	10.6
Other . . . . .	1.0	.8	.8	1.3	.3	1.4	1.2	.7	.0
Sex:									
Male . . . . .	52.1	50.5	68.5	45.8	41.1	26.9	33.4	50.7	31.3
Female . . . . .	47.9	49.5	31.5	54.2	58.9	73.1	66.6	49.3	68.7
SEX, RACE, AND AGE:									
Male, white (numbers in thousands) . . . . .	6,368	861	3,823	593	136	658	279	589	12
Percent of total, male, white only									
17 - 34 . . . . .	55.9	51.6	57.1	74.0	32.0	46.3	41.1	63.3	100.0
35 - 54 . . . . .	37.9	41.1	38.1	23.5	54.7	43.5	43.9	31.4	.0
55 and over . . . . .	6.2	7.3	4.8	2.5	13.3	10.3	15.0	5.3	0
Male, black (numbers in thousands) . . . . .	376	68	186	54	3	31	12	40	4
Percent of total, male, black only									
17 - 34 . . . . .	58.5	53.7	57.2	62.6	62.4	72.3	74.2	60.1	100.0
35 - 54 . . . . .	37.2	40.5	39.2	37.4	37.6	24.2	25.8	24.7	.0
55 and over . . . . .	4.4	5.8	3.6	.0	.0	3.6	.0	15.2	.0
Male, other races (numbers in thousands) . . . . .	57	9	32	5	1	8	0	4	0
Percent of total, male, other races									
17 - 34 . . . . .	47.2	53.3	41.0	71.1	.0	52.7	.0	54.8	.0
35 - 54 . . . . .	51.5	46.7	56.7	28.9	100.0	47.3	.0	45.2	0
55 and over . . . . .	1.3	.0	2.3	.0	.0	.0	.0	.0	.0

See footnotes at end of table.



Table 12.--Reason for taking adult education by selected participant characteristics: United States, year ending May 1969--Continued

Participant characteristics (1)	Total participants <sup>1</sup> (2)	Q. 3--Reason for taking						Reasons for taking not reported (10)	
		For general information (3)	To improve or advance in job (4)	To get a new job (5)	For community activity (6)	For personal or family interests (7)	For social or recreational reasons (8)	Other (9)	
<u>Female, white (numbers in thousands)</u> . . . . .	5,561	842	1,601	598	188	1,757	564	558	34
				Percent of total, female, white only					
17 - 34 . . . . .	49.8	50.9	46.2	62.5	36.3	46.9	46.6	67.7	73.6
35 - 54 . . . . .	39.4	39.3	43.7	32.6	49.4	40.4	39.1	25.6	26.4
55 and over . . . . .	10.8	9.8	10.1	4.9	14.4	12.6	14.3	6.7	0
<u>Female, black (numbers in thousands)</u> . . . . .	606	70	240	160	13	107	5	54	2
				Percent of total, female, black only					
17 - 34 . . . . .	55.3	36.6	57.2	75.0	.0	44.7	24.6	59.3	0
35 - 54 . . . . .	39.6	53.8	39.0	23.3	82.6	46.2	28.0	36.0	.0
55 and over . . . . .	5.1	9.6	3.8	1.7	17.4	9.1	47.4	4.7	100.0
<u>Female, other races (numbers in thousands)</u> . . . . .	75	5	15	14	0	29	10	5	0
				Percent of total, female, other races					
17 - 34 . . . . .	64.6	100.0	70.9	75.6	.0	50.0	57.7	74.4	.0
35 - 54 . . . . .	31.3	.0	29.1	24.4	.0	42.3	34.3	25.6	.0
55 and over . . . . .	4.1	.0	.0	.0	.0	7.8	8.1	0	.0
SEX AND OCCUPATION:									
<u>Male (numbers in thousands)</u> . . . . .	6,800	938	4,041	652	141	636	290	634	216
				Percent of total, male only					
Professional/technical . . . . .	29.9	28.6	33.0	16.7	22.8	26.1	32.6	37.8	52.7
Engineers . . . . .	5.5	6.7	6.4	2.0	8.4	5.2	6.8	5.0	.0
Medical/health . . . . .	2.5	3.1	2.4	1.7	.0	3.1	2.8	3.0	8.3
Teachers, except college . . . . .	5.1	2.7	6.5	2.6	2.8	2.4	4.8	6.9	8.7
Other professional/technical . . . . .	16.8	16.0	17.7	10.4	11.6	15.4	18.3	22.9	35.7
Farmers, farm managers, foremen, & laborers . . . . .	1.8	3.6	.9	2.7	3.5	1.9	2.1	2.4	.0
Managers & administrators . . . . .	14.8	17.3	15.1	7.2	15.4	21.3	21.5	8.9	0
Sales . . . . .	6.4	5.2	6.8	7.2	4.0	5.2	5.6	6.2	0
Clerical . . . . .	6.6	6.9	6.1	9.1	10.4	5.5	7.6	6.6	8.3
Craftsmen & kindred . . . . .	18.2	16.3	20.7	14.2	20.9	14.7	11.0	12.6	30.5
Operatives . . . . .	10.7	9.1	8.4	21.7	12.3	12.5	8.8	12.2	.0
Service workers, domestics, & nonfarm laborers . . . . .	7.7	7.8	7.7	12.1	7.9	4.9	4.2	7.3	7.9
Unemployed or not in labor force . . . . .	3.8	5.2	1.3	9.1	2.8	7.8	6.6	6.0	0

Female (numbers in thousands) . . .	6,241	918	1,857	771	Percent of total, female only	201	1,892	579	616	35
Professional/technical . . . .	20.9	21.4	42.9	11.3	13.9	9.4	12.5	21.0	26.8	
Engineers . . . . .	.0	.0	.1	.0	.0	.1	0	.0	.0	
Medical/health . . . . .	3.5	4.9	6.7	2.1	1.8	2.0	2.9	3.1	0	
Teachers, except college	11.0	9.6	25.1	4.4	7.0	3.8	5.0	12.6	26.8	
Other professional/technical . . . . .	6.3	6.9	11.1	4.7	5.1	3.4	4.6	5.2	.0	
Farmers, farm managers, foremen, & laborers . . . .	.6	.4	.3	.6	.0	1.1	3	.9	.0	
Managers & administrators . .	2.0	1.4	3.2	1.4	1.1	1.6	1.7	2.8	0	
Sales . . . . .	2.6	2.1	2.6	3.6	1.3	2.9	1.5	1.9	3.4	
Clerical . . . . .	20.7	21.4	28.5	19.5	12.7	15.5	16.1	20.6	21.3	
Craftsmen & kindred . . . . .	.4	.3	.7	.2	0	.3	2	2	0	
Operatives . . . . .	3.9	4.3	2.5	6.9	3.9	3.6	1.6	6.0	0	
Service workers, domestics, & nonfarm laborers . . . . .	7.7	5.8	8.5	12.0	5.6	7.0	2.6	7.7	7.0	
Unemployed or not in labor force . . . . .	41.2	43.0	10.8	44.5	61.4	58.8	63.4	39.0	41.4	

<sup>1</sup> Age 17 or over, not regular full-time students, engaged in one or more activities of organized instruction. Since persons age 35 and over were not asked whether they were full-time students, they may be included.

<sup>2</sup> To provide a truer representation, the Bureau of the Census figured percentages on fractions resulting from the conversion of sample cases to the national population, thus, a single number does not necessarily represent a single person.

NOTE.--Percent detail may not add to 100.0 because of rounding. Furthermore, for unduplicated counts for adult education items, row numbers, and numbers converted from percents across rows, will add to more than totals because a participant may have engaged in more than one activity and the separate activities could have been for different options within a question. But all data cells were independently tabulated so that a participant was counted only once in a data cell, thus, unduplicated counts were obtained within a data cell and standard errors can be used.

Table 13. -- Sponsor or administrator of adult education, by selected participant characteristics: United States, year ending May 1969

Participant characteristics	Total participants (2)	Q. 4--Sponsor or administrator								Sponsor not reported (11)
		Public grade school or high school (3)	Public 2-year college or technical institute (4)	Private vocational, trade, or business school (5)	Four-year college or university (6)	Employer (7)	Community organization (8)	Hospital (9)	Other (10)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
PARTICIPANT POPULATION (total numbers in thousands) . . . . . 13,041										
Percent of total, participant population										
AGE:										
17 - 24 . . . . .	19.9	20.4	28.5	28.5	20.9	17.4	10.8	14.5	41.3	25.7
25 - 34 . . . . .	33.4	32.4	36.9	34.5	35.9	35.0	30.2	32.3	15.9	26.0
35 - 44 . . . . .	22.9	22.5	19.1	19.6	23.4	23.9	26.8	23.8	9.5	23.6
45 - 54 . . . . .	15.7	16.4	12.2	12.2	14.8	17.2	17.8	17.4	12.9	16.3
55 - 64 . . . . .	5.9	5.6	3.0	4.3	4.1	6.1	7.8	9.3	17.0	8.4
65 and over . . . . .	2.1	2.7	.3	1.0	.9	.5	6.6	2.6	3.4	0
Regular school completed:										
None - 8th grade . . . . .	5.0	9.6	1.3	4.2	.7	5.1	7.8	5.6	2.9	5.0
9th - 11th grade . . . . .	10.2	18.2	7.0	14.2	2.4	9.0	11.6	10.0	0	13.4
High school graduate . . . . .	38.9	43.1	46.5	50.1	16.3	48.5	40.1	37.6	36.9	16.9
Some college . . . . .	19.8	12.8	31.9	19.5	24.3	17.1	16.7	19.5	23.7	13.8
College graduate . . . . .	15.2	10.8	8.0	8.3	28.9	14.4	14.9	14.9	16.9	26.0
Postgraduate . . . . .	11.0	5.6	5.3	3.7	27.4	6.0	8.9	12.7	19.7	24.9
RACE:										
White . . . . .	91.5	87.5	92.6	89.5	92.5	93.4	92.5	92.6	100.0	91.0
Black . . . . .	7.5	11.0	6.3	9.6	6.4	5.9	6.4	6.5	.0	7.0
Other . . . . .	1.0	1.5	1.0	.8	1.1	.7	1.1	1.0	0	2.0
SEX:										
Male . . . . .	52.1	33.5	55.9	58.5	55.0	73.0	30.9	53.7	27.3	43.9
Female . . . . .	47.9	66.5	44.1	41.5	45.0	27.0	69.1	46.3	72.7	56.1
OCCUPATION:										
Professional/technical . . . . .	25.6	13.8	19.2	14.0	55.5	24.4	15.9	24.2	37.2	42.7
Engineers . . . . .	2.9	1.7	2.4	1.6	4.8	4.7	2.0	2.8	3.6	.0
Medical/health . . . . .	3.0	1.6	2.0	2.4	4.0	3.7	2.8	4.4	22.9	2.5
Teachers, except college . . . . .	8.0	5.3	4.0	.9	26.2	2.7	4.2	4.3	3.6	27.6
Other professional/technical . . . . .	11.8	5.2	10.8	9.1	20.5	13.3	5.9	12.8	7.0	12.5
Farmers, farm managers, foremen, & laborers . . . . .	1.2	2.1	1.3	1.1	.7	.2	2.0	1.4	2.8	.0
Managers & administrators . . . . .	8.7	4.1	8.2	9.9	7.3	12.1	8.2	12.0	0	10.8
Sales . . . . .	4.5	3.5	4.1	7.3	3.0	7.7	3.9	3.7	0	2.4
Clerical . . . . .	13.4	15.0	17.9	16.1	10.9	14.2	9.7	11.4	6.7	7.2
Craftsmen & kindred . . . . .	9.7	7.6	10.6	12.9	3.9	1.5	4.8	8.3	9.4	9.1
Operatives . . . . .	7.5	9.4	10.8	12.4	2.6	8.2	4.6	5.9	3.5	4.8
Service workers, domestics, & nonfarm laborers . . . . .	7.7	8.6	10.8	8.5	3.7	10.3	5.7	7.3	3.2	7.0
Unemployed or not in labor force . . . . .	21.7	35.7	17.1	17.9	12.3	3.3	45.2	25.7	37.2	15.1
REGION:										
Northeast . . . . .	22.5	27.8	13.2	18.5	24.7	23.2	19.0	23.6	20.4	32.6
North central . . . . .	29.7	28.5	22.3	35.4	28.1	31.1	34.6	29.7	36.7	4.7
South . . . . .	24.4	16.9	22.3	25.5	24.9	27.3	24.6	24.8	16.1	26.7
West . . . . .	23.5	26.8	42.2	20.7	22.3	18.4	21.7	21.9	26.8	36.0
METROPOLITAN STATUS:										
In SMSA . . . . .	70.6	76.4	70.7	70.1	69.9	70.6	73.0	67.8	84.0	80.5
Central city . . . . .	28.9	29.5	26.6	30.5	30.3	29.0	28.0	26.2	57.9	38.1
Not central city . . . . .	41.7	46.9	44.1	39.6	39.5	41.6	45.0	41.6	26.1	42.4
Not in SMSA . . . . .	29.4	23.6	29.3	29.9	30.1	29.4	27.0	32.2	16.0	19.5
Farm . . . . .	2.6	2.3	2.2	2.8	2.6	1.8	3.9	2.9	2.8	.0
Nonfarm . . . . .	26.8	21.3	27.0	27.2	27.5	27.6	23.1	29.3	13.2	19.5

## SEX, RACE, AND AGE:

Male, white (numbers in thousands)	6,368	581	826	826	826	1,453	1,578	454	1,269	11	20
Percent of total, male, white only											
17-34	55.9	52.1	70.4	63.7	60.4	53.7	35.8	49.9	63.8	51.9	^
35-54	37.9	37.1	28.0	31.2	36.2	41.1	52.8	40.7	12.1	^8.1	
55 and over	6.2	10.8	1.6	5.1	3.4	5.2	11.4	9.4	24.1	.0	
Male, black (numbers in thousands)	370	68	32	44	80	74	27	73	0	4	
Percent of total, male, black only											
17-34	58.5	63.2	56.0	68.1	55.7	58.6	56.4	57.8	0	100.0	
35-54	34.2	32.9	44.0	31.9	35.9	38.0	34.5	39.4	.0	.0	
55 and over	4.4	3.9	.0	.0	8.4	3.4	9.1	2.8	0	.0	
Male, other races (numbers in thousands)	57	12	8	10	24	8	0	0	0	0	
Percent of total, male, other races											
17-34	47.2	45.0	71.3	73.7	42.5	23.2	.0	18.2	0	.0	
35-54	51.5	55.0	28.7	26.3	57.5	76.8	0	70.4	.0	.0	
55 and over	1.3	.0	.0	.0	.0	.0	.0	11.4	.0	.0	
Female, white (numbers in thousands)	5,561	1,143	610	520	1,165	546	985	1,056	29	29	
Percent of total, female, white only											
17-34	49.8	51.9	59.6	59.1	54.0	47.6	41.6	41.8	54.8	47.2	
35-54	39.4	40.3	34.3	34.2	39.1	41.3	42.0	42.1	26.2	37.2	
55 and over	10.8	7.9	6.0	6.7	6.9	11.1	16.4	16.2	19.0	15.6	
Female, black (numbers in thousands)	606	150	65	101	102	60	72	89	0	0	
Percent of total, female, black only											
17-34	55.3	57.5	56.1	72.9	40.2	58.0	54.0	52.1	.0	0	
35-54	39.6	36.5	41.9	24.8	53.8	32.6	37.4	41.3	.0	0	
55 and over	5.1	6.0	2.0	2.3	5.9	9.4	8.7	6.6	.0	.0	
Female, other races (numbers in thousands)	75	17	8	3	7	8	7	8	0	1	
Percent of total, female, other races											
17-34	64.6	56.4	81.2	100.0	67.9	21.9	69.6	68.3	.0	.0	
35-54	31.3	37.7	18.8	.0	32.1	78.1	24.5	20.6	0	100.0	
55 and over	4.1	5.9	.0	.0	.0	.0	5.9	11.1	0	.0	

See footnotes at end of table.

Table 13 -- Sponsor or administrator of adult education, by selected participant characteristics United States, year ending May 1969.-Continued

Participant characteristics (1)	Total participants (2)	Q. 4--Sponsor or administrator								Sponsor no. reported (11)
		Public grade school or high school (3)	Public 2-year college or technical institute (4)	Private vocational, trade, or business school (5)	Four-year college or university (6)	Employer (7)	Community organization (8)	Hospital (9)	Other (10)	
SEX, RACE, AND REGULAR SCHOOL COMPLETED										
Male, white (numbers in thousands)										
	6,368	581	826	826	1,453	1,578	454	1,200	11	20
Percent of total, male, white only										
None - 8th grade . . . . .	1.0	13.3	9	5.2	1.1	5.2	8.5	7.1	10.5	0
9th - 11th grade . . . . .	8.6	19.1	5.9	11.7	2.4	8.5	9.9	8.0	.0	6.2
High school graduate . . . . .	36.2	33.1	45.8	44.3	15.4	47.2	32.0	34.3	17.1	26.8
Some college . . . . .	20.8	13.3	34.0	22.4	24.7	17.4	14.1	19.6	13.5	18.3
College graduate . . . . .	15.3	11.8	8.0	10.5	24.5	15.0	18.2	15.0	13.2	20.1
Postgraduate . . . . .	14.0	9.4	5.4	5.9	31.9	6.7	17.3	17.7	25.8	19.5
Male, black (numbers in thousands)										
	376	68	32	44	80	74	27	73	0	4
Percent of total, male, black only										
None - 8th grade . . . . .	1.4	17.5	4.2	5.0	.0	8.4	25.1	20.0	0	.0
9th - 11th grade . . . . .	23.8	44.5	36.6	15.9	1.3	28.5	24.3	18.2	.0	33.8
High school graduate . . . . .	30.9	25.6	31.5	91.5	16.0	41.5	22.6	27.7	0	0
Some college . . . . .	15.1	3.7	27.8	12.7	4.1	10.9	13.8	10.2	0	0
College graduate . . . . .	9.9	4.3	.0	4.9	15.3	10.7	4.2	14.7	0	0
Postgraduate . . . . .	8.9	4.5	.0	.0	33.3	.0	9.9	6.2	0	0
Male, other races (numbers in thousands)										
	57	12	8	10	24	8			0	0
Percent of total, male, other races										
None - 8th grade . . . . .	6.4	13.1	0	5.8	6.0	.0	0	0	0	0
9th - 11th grade . . . . .	1.3	.0	.6	.0	0	.0	0	11.4	0	0
High school graduate . . . . .	40.0	41.7	71.3	62.5	14.8	.0	0	32.2	.0	0
Some college . . . . .	17.0	8.6	.0	31.7	21.9	49.4	.0	19.9	.0	.0
College graduate . . . . .	14.8	5.7	28.7	.0	18.4	0	.0	36.5	0	0
Postgraduate . . . . .	20.6	30.9	.0	0	38.9	50.6	.0	0	0	0
Female, white (numbers in thousands)										
	5,561	1,143	610	520	1,165	546	985	1,056	29	29
Percent of total, female, white only										
None - 8th grade . . . . .	3.9	6.2	1.5	2.2	.2	4.4	5.6	4.2	0	9.2
9th - 11th grade . . . . .	9.7	14.3	5.6	16.6	2.1	7.2	10.0	10.4	.0	16.1
High school graduate . . . . .	42.8	50.9	48.7	56.4	17.5	54.5	45	42.5	36.8	13.0
Some college . . . . .	19.7	13.9	29.4	16.7	24.5	16.1	19.0	19.9	27.5	4.4
College graduate . . . . .	6.0	11.1	8.4	6.6	35.2	13.6	14.6	15.4	18.2	28.3
Postgraduate . . . . .	7.8	3.6	5.4	1.4	20.5	4.1	5.4	7.5	17.5	19.0

Female, black (numbers in thousands)		150	65	101	102	60	72	89	0	♂
		600								
None - 8th grade		10.8	16.5	3.8	5.8	5.4	25.5	16.9	0	0
9th - 11th grade		23.7	35.4	7.2	22.6	14.9	38.1	24.5	0	0
High school graduate		35.6	32.2	45.6	59.4	43.6	20.2	33.8	0	0
Some college		12.1	4.7	32.0	12.2	20.6	6.4	18.4	0	0
College graduate		9.5	6.5	6.5	0	11.0	4.4	3.9	0	0
Postgraduate		8.4	4.7	5.0	0	4.5	5.4	2.5	0	0
Female, other races (numbers in thousands)		75	17	8	3	7	8	17	0	1
None - 8th grade		8.4	18.0	0	0	0	17.2	6.7	0	0
9th - 11th grade		14.0	6.5	33.1	0	0	20.7	16.9	0	0
High school graduate		34.2	30.0	45.0	14.7	38.9	51.4	39.9	0	0
Some college		19.4	29.7	48.1	26.2	26.1	0	8.1	0	0
College graduate		18.4	15.8	55.0	37.0	21.9	10.6	28.4	0	0
Postgraduate		5.5	0	16.8	22.1	13.2	0	0	0	100.0
RACE AND METROPOLITAN STATUS:										
White (numbers in thousands)		11,928	1,723	1,430	1,346	2,618	2,124	1,438	40	49
In SMSA		69.6	75.0	70.6	68.0	69.1	70.0	72.7	67.0	78.5
Central city		25.7	23.6	24.3	25.8	28.1	26.8	25.6	24.0	34.5
Not in SMSA		43.9	51.5	46.3	42.2	41.0	43.2	47.1	42.9	44.0
Farm		30.4	25.0	29.4	32.0	30.9	30.0	27.3	33.0	16.0
Nonfarm		2.7	2.6	2.1	3.0	2.8	1.7	6.0	2.9	2.8
Black (numbers in thousands)		982	217	98	144	182	134	99	162	4
In SMSA		81.3	85.4	75.3	88.6	77.7	76.6	73.5	81.0	100.0
Central city		64.3	74.1	58.1	71.3	57.6	61.4	59.5	54.3	0
Not in SMSA		16.9	11.4	17.2	17.4	20.1	15.2	14.0	26.7	0
Farm		18.7	14.6	24.7	11.4	22.3	23.4	26.5	19.0	0
Nonfarm		2.1	.5	5.3	6	5	3.9	4.4	1.7	0
Other races (numbers in thousands)		131	29	16	13	31	16	17	25	1
In SMSA <sup>2</sup>		81.2	89.3	56.6	83.1	89.7	100.0	94.3	91.5	100.0
Central city		51.1	45.4	39.5	69.0	55.4	54.9	46.9	42.7	0
Not in SMSA		30.1	43.9	17.2	14.1	34.2	45.1	47.3	18.8	0
Farm		18.8	10.7	43.4	16.9	10.3	0	5.7	38.5	0
Nonfarm		2.8	0	0	3.5	0	0	0	12.9	0
		16.0	10.7	43.4	13.5	10.3	0	5.7	25.0	0

<sup>1</sup> Age 17 or over, not regular full-time students, engaged in one or more activities of organized instruction. Since persons age 35 and over were not asked whether they were full-time students, they may be included.

<sup>2</sup> Standard metropolitan statistical area.

NOTE.--Percent detail may not add to 100.0 because of rounding. Furthermore, for unduplicated counts for adult education items, row numbers, and numbers converted from percents across rows, will add to more than totals because a participant may have engaged in more than one activity and the separate activities could have been for different options within a question. But all data cells were independently tabulated so that a participant was counted only once in a data cell, thus, unduplicated counts were obtained within a data cell and standard errors can be used.

Table 14. --Method of instruction for adult education, by selected participant characteristics: United States, year ending May 1969

Participant characteristics (1)	Total participants <sup>1</sup> (2)	Q. 6--Method of instruction							Method of instruction reported (10)
		Lecture or class (3)	Workshop or discussion group (4)	Individual instruction (5)	Organized training on the job (6)	Correspondence (7)	Television or radio (8)	Other (9)	
PARTICIPANT POPULATION (total numbers in thousands)									
Age:	13,041	9,580	4,367	1,716	910	1,110	83	400	90
Percent of total, participant population									
17 - 24 . . . . .	19.9	20.1	17.2	20.9	30.2	22.2	14.0	19.0	22.0
25 - 34 . . . . .	33.4	33.7	31.8	2.9	34.3	40.6	28.3	29.3	27.2
35 - 44 . . . . .	22.9	23.1	24.9	20.8	17.3	18.1	29.0	28.6	18.8
45 - 54 . . . . .	15.7	15.7	16.6	15.4	13.6	13.5	13.8	13.6	27.0
55 - 64 . . . . .	5.9	5.5	7.3	6.9	3.9	4.3	11.5	7.4	3.7
65 and over . . . . .	2.1	2.0	2.3	3.1	.8	1.3	3.4	2.0	1.3
Regular school completed:									
None - 8th grade . . . . .	5.0	4.4	4.1	5.4	5.9	5.8	3.3	2.1	9.1
9th - 11th grade . . . . .	10.2	9.2	9.4	11.6	11.5	15.3	13.5	5.9	11.1
High school graduate . . . . .	38.9	37.0	39.0	41.2	50.8	48.2	21.2	38.5	25.6
Some college . . . . .	19.8	21.0	18.1	19.8	17.2	19.2	18.1	17.9	19.0
College graduate . . . . .	15.2	16.4	17.0	12.3	8.6	7.8	21.4	14.4	26.4
Postgraduate . . . . .	11.0	12.0	12.4	9.6	6.0	3.6	22.5	21.3	8.7
Race:									
White . . . . .	91.5	91.2	93.1	91.8	89.4	94.3	92.4	93.6	91.4
Black . . . . .	7.5	7.8	5.8	7.1	9.9	5.4	4.8	5.4	8.6
Other . . . . .	1.0	1.0	1.1	1.1	.8	.3	2.7	1.0	.0
Sex:									
Male . . . . .	52.1	52.7	48.6	43.5	57.9	70.9	52.4	43.2	51.7
Female . . . . .	47.9	47.3	51.4	56.5	42.1	29.1	47.6	56.8	48.3
VETERAN STATUS (male participants, numbers in thousands)									
	6,800	5,052	2,122	747	527	787	44	211	47
Percent of total, veteran status									
Veterans . . . . .	28.4	28.1	26.7	23.3	33.6	47.2	28.8	24.0	21.3
Vietnam era . . . . .	5.6	4.9	4.5	4.8	11.8	14.9	4.4	2.6	1.6
Korean war . . . . .	6.2	6.4	6.2	4.8	5.8	7.8	10.4	8.8	7.5
Other . . . . .	16.5	16.7	15.9	13.7	16.0	24.6	12.0	12.6	12.2
Nonveteran . . . . .	23.8	24.6	21.9	20.3	24.4	23.7	23.6	19.1	30.4

<sup>1</sup> Age 17 or over, not regular full-time students, engaged in one or more activities of organized instruction. Since persons aged 35 and over were not asked whether they were full-time students, they may be included.

NOTE.--Percent detail may not add to 100.0 because of rounding. Furthermore, for unduplicated counts for adult education items, row numbers, and numbers converted from percents across rows, will add to more than totals because a participant may have engaged in more than one activity and the separate activities could have been for different options within a question. But all data cells were independently tabulated so that a participant was counted only once in a data cell, thus unduplicated counts were obtained within a data cell and standard errors can be used.

Table 15. --Sum of instructional hours during the past year for all adult education activities per participant, by selected participant characteristics: United States, year ending May 1969

Participant characteristics (1)	Total participant <sup>1</sup> (2)	Q. 9--Sum of instructional hours during the past year for all activities per participant							
		0 (Correspondence) (3)	1 - 9 (4)	10 - 19 (5)	20 - 39 (6)	40 - 79 (7)	80 - 159 (8)	160 and over (9)	Instructional hours not reported (10)
		(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
PARTICIPANT POPULATION (total numbers in thousands) . . . . .									
	13,041	584	975	1,561	2,599	2,645	2,001	2,403	173
Percent of total, participant population									
<u>Age:</u>									
17 - 24 . . . . .	19.9	20.6	11.4	13.4	14.7	17.6	24.2	31.7	28.4
25 - 34 . . . . .	33.4	42.1	31.2	29.3	30.7	35.2	35.7	34.7	25.3
35 - 44 . . . . .	22.9	19.0	25.2	27.5	23.4	24.2	21.1	19.8	15.7
45 - 54 . . . . .	15.7	11.7	17.9	18.1	20.4	16.1	13.4	10.3	21.4
55 - 64 . . . . .	5.9	5.0	9.6	8.7	8.1	5.2	4.4	2.7	4.5
65 and over . . . . .	2.1	1.7	4.7	3.0	2.8	1.7	1.2	.9	4.7
<u>Regular school completed:</u>									
None - 8th grade . . . . .	5.0	7.8	4.8	5.0	5.1	4.6	3.3	5.3	17.2
9th - 11th grade . . . . .	10.2	19.9	10.6	10.2	9.4	9.7	9.7	9.4	11.1
High school graduate . . . . .	38.9	48.4	46.9	41.1	39.7	37.2	35.3	35.6	38.1
Some college . . . . .	19.8	14.6	14.5	19.4	18.1	19.1	22.1	24.4	12.4
College graduate . . . . .	15.2	5.2	14.7	14.8	16.4	18.2	16.1	12.9	14.1
Postgraduate . . . . .	11.0	4.2	8.5	9.5	11.2	11.1	13.5	12.4	7.1
<u>Race:</u>									
White . . . . .	91.5	95.3	93.3	93.6	92.8	92.3	92.2	81.1	80.6
Black . . . . .	7.5	4.4	6.0	5.3	6.0	6.6	7.2	12.5	18.5
Other . . . . .	1.0	.3	.7	1.1	1.2	1.1	.6	1.3	.9
<u>Sex:</u>									
Male . . . . .	52.1	71.4	44.4	43.3	49.3	51.6	53.4	59.7	46.8
Female . . . . .	47.9	28.6	55.6	56.7	50.7	48.4	46.6	40.3	53.2
SEX AND RACE:									
<u>Male</u> (numbers in thousands) . . . . .	6,800	417	433	719	1,282	1,366	1,063	1,434	81
Percent of total, male only									
White . . . . .	93.6	96.8	94.6	94.1	94.5	94.0	94.5	90.5	91.7
Black . . . . .	5.5	2.8	4.9	5.2	4.5	5.0	4.9	8.5	8.3
Other . . . . .	.8	.4	.6	.7	1.0	1.0	.6	1.0	.0
<u>Female</u> (numbers in thousands) . . . . .	6,241	167	542	942	1,317	1,279	933	969	92
Percent of total, female only									
White . . . . .	89.1	91.5	92.2	93.2	91.1	90.5	89.5	79.7	70.9
Black . . . . .	9.7	8.5	7.0	5.3	7.6	8.4	9.9	18.6	27.5
Other . . . . .	1.2	.0	.8	1.4	1.3	1.1	.6	1.7	1.7

<sup>1</sup> Age 17 or over, not regular full-time students, engaged in one or more activities of organized instruction. Since persons age 35 and over were not asked whether they were full-time students, they may be included.

NOTE. --Percent detail may not add to 100.0 because of rounding.



Table 1. Characteristics of the study population by veteran status  
 U.S. Survey of Health, Income, and Mortality, 1986

Participant characteristics	Total population (n = 1,000)	Veteran status			Non-veteran status pop- ulation (n = 1,000)
		Percent of total, veteran status			
		1986	1987	1988	
(1)	(2)	(3)	(4)	(5)	(6)
<b>PARTICIPANT POPULATION (in thousands)</b>					
	1,000	1,000	1,000	1,188	100
Percent of total, participant population					
<b>Age*</b>					
18-24 . . . . .	14.9	15.1	21.2	12.2	22.9
25-34 . . . . .	14.4	13.2	14.2	12.1	28.5
35-44 . . . . .	19.0	24.1	20.6	18.7	20.0
45-54 . . . . .	17.7	16.8	16.8	11.4	17.0
55-64 . . . . .	17.9	14.1	14.3	8.7	8.6
65 and over . . . . .	24.1	24.0	24.2	14.9	34.3
<b>Regular school completion†</b>					
None - 8th grade . . . . .	2.0	3.3	8.9	9.2	12.9
9th - 11th grade . . . . .	10.2	2.0	13.2	13.7	12.2
High school graduate . . . . .	8.9	34.7	34.1	43.2	39.6
Some college . . . . .	19.8	20.4	19.6	17.6	18.3
College graduate . . . . .	14.2	17.9	14.2	8.2	10.3
Postgraduate . . . . .	11.0	13.1	8.0	8.8	6.6
<b>Race‡</b>					
White . . . . .	91.5	91.0	90.9	89.1	88.9
Black . . . . .	7.5	6.2	8.0	13.5	10.2
Other . . . . .	1.0	2.8	1.1	1.5	1.9
<b>Sex§</b>					
Male . . . . .	24.1	3.4	31.0	44.6	51.5
Female . . . . .	47.9	46.6	49.0	55.2	48.5
<b>Employment status¶</b>					
Working . . . . .	76.2	78.9	72.6	68.9	69.7
With job but not working . . . . .	2.4	2.1	2.1	2.9	2.2
Seeking work . . . . .	1.9	1.5	1.9	4.2	3.3
Keeping house . . . . .	1.2	18.6	18.9	21.9	18.1
Going to school . . . . .	1.0	1.5	2.4	1.0	3.1
Unable to work . . . . .	1.1	1.0	1.5	1.1	1.7
Other (including retired) . . . . .	1.7	1.2	1.9	2.0	2.8
<b>VETERAN STATUS (in de- participants, numbers in thousands)</b>					
	1,500	1,540	1,549	532	259
Percent of total, veteran status					
Veterans . . . . .	4.4	4.8	58.3	47.0	50.1
Vietnam war . . . . .	10.5	9.2	13.1	13.5	14.0
Korean war . . . . .	14.9	15.0	9.7	11.6	11.1
Other . . . . .	21.7	22.6	22.2	22.0	25.0
Non-veterans . . . . .	45.6	45.2	44.7	53.0	49.9

\*See footnotes at end of table.

Table 16. -- Completion status of adult education by selected participant characteristics:  
United States, year ending May 1999-- (Continued)

Participant characteristics (1)	Total participants <sup>1</sup> (2)	Q. 10--Completion status			Completion status not reported (6)
		Finished activity (3)	Still taking activity (4)	Dropped activity (5)	
SEX, RACE, AND AGE:					
<u>Male, white</u> (numbers in thousands) . . . . .	6,978	4,876	1,611	404	244
Percent of total, male, white only					
17 - 34 . . . . .	53.9	52.8	63.8	69.1	53.9
35 - 54 . . . . .	37.9	40.6	31.5	27.7	37.7
55 and over . . . . .	8.2	6.6	4.7	3.4	8.5
<u>Male, black</u> (numbers in thousands) . . . . .	370	231	90	60	15
Percent of total, male, black only					
17 - 34 . . . . .	8.5	53.3	62.2	65.1	42.6
35 - 54 . . . . .	57.2	39.3	33.4	31.9	57.4
55 and over . . . . .	34.4	7.4	4.4	3.0	0.0
<u>Male, other races</u> (numbers in thousands) . . . . .	57	33	16	7	1
Percent of total, male, other races					
17 - 34 . . . . .	47.2	40.3	60.9	61.0	0.0
35 - 54 . . . . .	51.5	59.7	39.1	39.0	0.0
55 and over . . . . .	1.3	0.0	0.0	0.0	100.0
<u>Female, white</u> (numbers in thousands) . . . . .	5,561	3,851	1,448	546	203
Percent of total, female, white only					
17 - 34 . . . . .	49.8	49.1	49.7	59.8	47.0
35 - 54 . . . . .	39.4	40.3	39.2	31.7	37.3
55 and over . . . . .	10.8	10.6	11.2	8.4	15.7
<u>Female, black</u> (numbers in thousands) . . . . .	406	332	180	100	37
Percent of total, female, black only					
17 - 34 . . . . .	55.3	50.5	60.1	65.3	61.8
35 - 54 . . . . .	39.6	44.5	33.9	31.5	23.5
55 and over . . . . .	5.1	5.1	5.9	3.2	14.7

See footnotes at end of table.

Table 1b. --Completion status of adult education by selected participant characteristics:  
United States, year ending May 1969--Continued

Participant characteristics (1)	Total participants <sup>1</sup> (2)	Q. 10--Completion status			Completion status not reported (6)
		Finished activity (3)	Still taking activity (4)	Dropped activity (5)	

SEX, RACE, AND AGE: (Continued):					
<u>Female, other races</u> (numbers in thousands) . . .	75	42	21	10	4
Percent of total, female, other races					
17 - 34 . . . . .	64.6	76.5	54.3	54.0	41.9
35 - 54 . . . . .	31.3	23.5	41.9	33.8	30.4
55 and over . . . . .	4.1	.0	3.8	12.2	27.8

SEX, RACE, AND REGULAR SCHOOL COMPLETED:					
<u>Male, white</u> (numbers in thousands) . . . . .	6,368	4,576	1,613	464	244
Percent of total, male, white only					
None - 8th grade . . . . .	5.0	3.6	5.5	11.0	12.0
9th - 11th grade . . . . .	8.6	7.4	10.4	11.8	11.3
High school graduate . . . . .	36.2	33.4	40.9	39.2	41.0
Some college . . . . .	20.8	21.7	21.0	22.4	17.3
College graduate . . . . .	15.3	17.8	11.7	8.3	8.5
Postgraduate . . . . .	14.0	16.0	10.5	7.3	9.8
<u>Male, black</u> (numbers in thousands) . . . . .	376	231	90	60	15
Percent of total, male, black only					
None - 8th grade . . . . .	11.4	7.4	17.3	15.3	26.4
9th - 11th grade . . . . .	23.8	16.9	31.4	35.1	35.1
High school graduate . . . . .	30.9	33.7	20.0	36.8	27.5
Some college . . . . .	15.1	16.1	23.1	6.6	.0
College graduate . . . . .	9.9	12.5	6.3	1.8	11.1
Postgraduate . . . . .	8.9	13.4	1.9	4.4	0

See footnotes at end of table.

Table 16. --Completion status of adult education by selected participant characteristics:  
United States, year ending May 1969--Continued

Participant characteristics (1)	Total participants <sup>1</sup> (2)	Q. 10--Completion status			Completion status not reported (6)
		Finished activity (3)	Still taking activity (4)	Dropped activity (5)	
SEX, RACE, AND REGULAR SCHOOL COMPLETED (Continued):					
<u>Male, other races</u> (numbers in thousands) . . .	57	33	16	7	1
Percent of total, male, other races					
None - 8th grade . . . . .	6.4	.0	12.4	21.8	.0
9th - 11th grade . . . . .	1.3	.0	.0	.0	100.0
High school graduate . . . . .	40.0	27.1	61.6	63.9	.0
Some college . . . . .	17.0	15.1	21.8	14.3	.0
College graduate . . . . .	14.8	23.0	4.2	.0	.0
Postgraduate . . . . .	20.6	34.8	.0	.0	.0
<u>Female, white</u> (numbers in thousands) . . . . .	5,561	3,851	1,448	546	203
Percent of total, female, white only					
None - 8th grade . . . . .	3.9	2.7	4.3	7.2	9.3
9th - 11th grade . . . . .	9.7	7.2	13.5	14.2	10.4
High school graduate . . . . .	42.8	41.2	45.4	46.0	40.2
Some college . . . . .	19.7	20.7	19.0	17.0	21.4
College graduate . . . . .	16.0	18.7	11.4	10.1	14.0
Postgraduate . . . . .	7.8	9.4	6.4	5.5	4.5
<u>Female, black</u> (numbers in thousands) . . . . .	606	332	180	100	37
Percent of total, female, black only					
None - 8th grade . . . . .	10.8	8.5	16.2	10.1	31.8
9th - 11th grade . . . . .	23.7	18.2	28.0	29.4	19.0
High school graduate . . . . .	35.6	33.0	35.4	47.8	33.8
Some college . . . . .	12.1	14.5	10.6	7.6	13.1
College graduate . . . . .	9.5	12.0	7.7	2.8	2.3
Postgraduate . . . . .	8.4	13.9	2.0	2.3	.0

See footnotes at end of table.

Table 16. -- Completion status of adult education by selected participant characteristics:  
United States, year ending May 1969--Continued

Participant characteristics (1)	Total participants <sup>1</sup> (2)	Q. 10--Completion status			Completion status not reported (6)
		Finished activity (3)	Still taking activity (4)	Dropped activity (5)	
SEX, RACE, AND REGULAR SCHOOL COMPLETED (Continued):					
<u>Female, other races</u> (numbers in thousands) . . .	75	42	21	10	4
Percent of total, female, other races					
None - 8th grade . . . .	8.4	5.0	9.1	12.2	27.8
9th - 11th grade . . . .	14.0	11.5	11.1	32.6	.0
High school graduate . .	34.2	25.5	43.9	55.2	30.4
Some college . . . . .	19.4	22.2	16.8	.0	41.9
College graduate . . . .	18.4	29.7	12.2	.0	.0
Postgraduate . . . . .	5.5	6.2	7.1	.0	.0

<sup>1</sup> Age 17 or over, not regular full-time students, engaged in one or more activities of organized instruction. Since persons age 35 and over were not asked whether they were full-time students, they may be included.

NOTE. --Percent detail may not add to 100.0 because of rounding. Furthermore, for unduplicated counts for adult education items, row numbers, and numbers converted from percents across rows, will add to more than totals because a participant may have engaged in more than one activity and the separate activities could have been for different options within a question. But all data cells were independently tabulated so that a participant was counted only once in a data cell; thus, unduplicated counts were obtained within a data cell and standard errors can be used.

Q. 11--Kind of credit received or expected	Percent of total, participant population					Other credit (8)	Product credit reported (9)
	No credit (3)	8th-grade certificate (4)	High school completion (5)	Skill certificate or license (6)	College degree (7)		
White	14.8	29.1	40.9	27.0	27.1	15.0	19.0
Black	41.6	20.1	40.4	31.8	31.5	23.4	18.9
Hispanic	21.9	19.3	17.7	20.3	19.3	23.8	30.5
Other	18.0	26.1	8.3	13.7	10.6	18.1	27.6
Male	7.9	3.2	2.4	4.8	2.2	3.9	12.4
Female	3.1	2.3	3	1.4	.1	1	2.2
White	62.1	62.1	16.5	1.7	.2	3.2	14.2
Black	20.9	20.9	57.8	11.9	1.2	7.5	8.2
Hispanic	42.1	2.8	24.8	50.0	20.9	3.4	3.4
Other	18.2	3.2	1	16.7	34.2	17.1	11.4
Male	11.1	11.1	0	10.5	24.2	18	1.7
Female	9.8	.0	.1	6.6	19.3	21.9	1
White	94.1	63.7	80.2	88.6	93.3	91.7	89.1
Black	54.1	34.1	18.8	10.1	6.2	7.8	13.9
Hispanic	1.1	2.3	.9	1.3	.5		
Other	48.1	58.1	12.0	62.0	55.6	60.1	40.7
Male	51.9	41.9	58.0	38.0	44.4	49.9	39.4
Female							
White	3,524	26	230	1,541	1,470	472	4
Black	94.2	80.2	89.8	93.0	95.3	91.7	87.0
Hispanic	1.9	19.8	10.2	9.9	4.1	7.4	13.0
Other	.9	.0	.0	1.0	.6	.7	0
Male	3,739	19	318	915	1,172	311	79
Female							
White	92.1	40.7	73.3	81.3	90.8	91.3	85.6
Black	6.7	53.9	25.1	17.0	8.7	8.3	14.4
Hispanic	1.2	5.4	1.6	1.7	.5	3	0
Other							

NOTE: Percentages are based on the total number of persons who completed the survey. The total number of persons who completed the survey is 160,0 because of rounding. Further, for unduplicated counts for adult education items, row numbers, and numbers completed in the separate activities, will add to more than totals because a participant may have engaged in more than one activity and the separate activities could be counted more than once within a question. But all data cells were independently tabulated so that a participant was counted only once in a data cell, thus, any duplicated counts were not within a data cell and standard errors can be used.

Table 18.--Payment for adult education, by selected participant characteristics: United States, year ending May 1969

Participant characteristics (1)	Total participants (2)	Q. 12--Payment				Do not know (7)	Payment not reported (8)
		Self or family (3)	Employer (4)	Government (5)	Other (6)		
PARTICIPANT POPULATION (total numbers in thousands) . . . . .	13,041	7,463	3,563	1,311	1,709	313	135
Percent of total, participant population							
Age:							
17-24 . . . . .	10.9	21.8	16.3	24.6	14.3	18.5	17.0
25-34 . . . . .	33.4	33.1	37.3	36.4	29.8	29.7	26.8
35-44 . . . . .	22.9	22.2	24.2	19.8	25.4	23.3	22.9
45-54 . . . . .	15.7	15.0	15.7	12.9	19.1	17.1	22.6
55-64 . . . . .	5.9	5.7	5.9	4.6	7.3	7.7	8.3
65 and over . . . . .	2.1	2.3	.5	1.7	4.1	4.7	2.4
Regular school completed:							
None - 8th grade . . . . .	5.0	2.9	3.7	11.7	7.4	14.7	11.3
9th - 11th grade . . . . .	10.2	8.2	7.7	17.5	13.5	18.7	10.1
High school grade . . . . .	38.9	36.8	41.4	36.7	36.9	36.9	34.7
Some college . . . . .	19.8	22.5	19.3	16.9	15.5	13.0	11.6
College graduate . . . . .	15.2	16.6	17.5	9.3	12.5	9.3	20.1
Postgraduate . . . . .	11.0	12.9	10.4	7.9	11.1	7.4	12.2
Race:							
White . . . . .	91.5	93.0	94.3	81.0	91.4	91.5	85.4
Black . . . . .	7.5	6.0	5.1	16.4	8.1	18.2	14.6
Other . . . . .	1.0	1.0	.6	2.5	.5	.5	.0
Sex:							
Male . . . . .	52.1	44.2	74.4	59.5	42.6	46.9	43.1
Female . . . . .	47.9	55.8	25.6	40.5	57.4	53.1	56.9
Family income:							
Under \$3,000 . . . . .	5.3	4.6	3.0	13.7	8.0	6.9	9.3
\$3,000 - \$3,999 . . . . .	2.6	2.2	1.5	4.1	3.2	10.6	9.2
\$4,000 - \$4,999 . . . . .	3.3	2.9	2.3	6.9	4.3	6.3	.0
\$5,000 - \$5,999 . . . . .	4.6	4.9	3.8	5.2	4.0	9.6	7.0
\$6,000 - \$7,999 . . . . .	13.7	13.9	10.3	17.9	15.1	15.2	9.7
\$8,000 - \$9,999 . . . . .	15.9	15.0	19.6	16.6	12.9	13.0	18.8
\$10,000 - \$11,999 . . . . .	15.8	16.0	16.0	11.6	14.7	12.4	16.0
\$12,000 - \$14,999 . . . . .	15.8	15.8	18.0	9.8	16.4	5.9	17.1
\$15,000 - \$24,999 . . . . .	18.7	19.5	21.8	12.4	17.5	14.2	7.8
\$25,000 and over . . . . .	4.3	5.3	3.6	1.7	3.8	7.0	5.1
Class of worker:							
Labor force . . . . .	80.2	75.9	98.0	80.6	70.6	71.8	76.2
Private . . . . .	53.3	48.9	69.4	53.3	45.2	48.1	46.1
Government . . . . .	21.7	20.6	27.4	23.3	16.8	17.6	27.7
Self-employed . . . . .	4.6	5.5	1.1	2.7	7.3	5.9	3.4
Without pay . . . . .	.6	.7	.1	1.0	1.2	.1	.0
Never worked . . . . .	.1	.2	.0	.4	.1	.0	.0
Not in labor force . . . . .	19.8	24.1	2.0	19.4	29.4	28.2	23.8
Employment status:							
Working . . . . .	76.2	72.2	93.9	75.5	67.1	66.1	69.4
With job but not working . . . . .	2.1	1.7	3.1	1.7	1.9	2.5	3.0
Seeking work . . . . .	1.9	2.0	1.0	3.4	1.7	3.2	3.9
Keeping house . . . . .	17.2	21.5	1.6	13.4	26.7	23.3	14.4
Going to school . . . . .	1.0	1.1	.1	2.4	.8	.9	2.3
Unable to work . . . . .	.1	.0	.0	.8	.0	.4	2.6
Other (including retired) . . . . .	1.5	1.4	.3	2.8	1.9	3.6	4.5

Occupation

Professional/technical . . . . .	25.6	27.2	31.9	20.1	23.2	17.3	26.6
Engineers . . . . .	2.9	2.7	3.1	1.7	2.0	1.6	0
Medical/health . . . . .	3.0	3.2	3.3	2.8	3.4	4.7	2.4
Teachers, except college . . . . .	8.0	10.3	5.4	7.1	7.4	3.9	12.7
Other professional/technical . . . . .	11.8	11.3	16.6	8.5	10.3	7.9	11.5
Farmers, farm managers, foremen, & laborers . . . . .	1.2	1.0	1.3	2.2	2.3	4.5	9
Managers & administrators . . . . .	8.7	7.2	14.1	5.3	7.5	4.9	8.8
Sales . . . . .	4.6	4.4	6.2	3.4	3.0	3.1	3.1
Clerical . . . . .	13.4	14.9	13.4	10.0	8.9	4.4	12.5
Craftsmen & kindred . . . . .	9.7	6.2	16.3	11.9	8.7	13.6	3.8
Operatives . . . . .	7.5	7.1	6.0	11.7	8.2	8.1	9.6
Service workers, domestics, & nonfarm laborers . . . . .	7.7	6.0	8.7	12.7	7.1	11.9	7.1
Unemployed or not in labor force . . . . .	21.7	26.0	3.1	22.8	31.1	31.4	27.7

EX, RACE, AND AGE

Male, white (numbers in thousands)	6,565	3,103	2,536	697	679	121	51
Percent of total, male, white only							
17-34 . . . . .	55.9	57.5	56.1	66.7	47.2	50.4	41.8
35-54 . . . . .	37.9	33.3	38.9	28.8	43.2	44.2	50.3
55 and over . . . . .	6.2	6.2	5.0	4.5	9.6	5.6	7.9
Male, black (numbers in thousands)	376	162	99	72	48	25	7
Percent of total, male, black only							
17-34 . . . . .	58.5	64.9	50.1	65.5	40.6	49.7	18.9
35-54 . . . . .	37.2	31.1	46.4	27.4	59.4	50.1	81.1
55 and over . . . . .	4.4	3.9	3.5	7.1	0.6	0.4	0
Male, other races (numbers in thousands)	57	31	15	11	2	0	0
Percent of total, male, other races							
17-34 . . . . .	47.2	51.2	21.1	59.9	100.0	100.0	0
35-54 . . . . .	11.5	48.8	74.0	40.1	0	0	0
55 and over . . . . .	1.3	0	4.9	0	0	0	0
Female, white (numbers in thousands)	5,511	3,840	823	365	884	133	64
Percent of total, female, white only							
17-34 . . . . .	49.8	1.3	47.1	50.1	41.7	48.4	4.0
35-54 . . . . .	39.4	38.2	42.3	38.7	44.7	34.4	40.9
55 and over . . . . .	10.8	60	10.5	11.2	13.6	17.2	13.1
Female, black (numbers in thousands)	606	254	81	143	91	32	13
Percent of total, female, black only							
17-34 . . . . .	55.3	58.0	58.0	60.6	42.4	35.1	54.3
35-54 . . . . .	39.6	37.8	31.9	36.8	47.8	50.4	30.2
55 and over . . . . .	5.1	4.2	10.1	2.7	9.8	8.5	15.5



Table 18. -- Payment for adult education, by selected participant characteristics: United States, year ending May 1969. -- Continued

Participant characteristics (1)	Total participants (2)	Self-employed (3)	Q. 12--Payment				Do not know (7)	Payment not reported (8)
			Employer (4)	Government (5)	Other (6)			
SEX, RACE, AND AGE (Continued):								
Female, other races (numbers in thousands)	78	48	8	22	6	1	0	
			Percent of total, female, other races					
17-34	4	2	21.9	51.4	79.9	100	0	
35-54	1	27.7	78.1	43.9	.0	0	0	
55 and over	1	1.7	.0	1.57	20.1	0	0	

1 Age 17 and over, not resident full-time in the United States. 2 For more information on the activities of organized instruction. Since persons age 35 and over were not asked whether they were full-time students, they may be included in the total.

3 For one data were collected separately for each activity. 4 For more information on the activities of organized instruction. Since persons age 35 and over were not asked whether they were full-time students, they may be included in the total.

NOTE. -- Payment detail may not add to 100 in some cases because of rounding. Furthermore, for unduplicated counts for adult education items, row numbers, and sample sizes derived from participants at cross rows, which were not reported, are not shown. It is because a participant may have engaged in more than one activity and the separate activities could have been for different options within a category. 5 For more information on the activities of organized instruction. Since persons age 35 and over were not asked whether they were full-time students, they may be included in the total. 6 For more information on the activities of organized instruction. Since persons age 35 and over were not asked whether they were full-time students, they may be included in the total. 7 For more information on the activities of organized instruction. Since persons age 35 and over were not asked whether they were full-time students, they may be included in the total. 8 For more information on the activities of organized instruction. Since persons age 35 and over were not asked whether they were full-time students, they may be included in the total.

## V. ASPECTS OF ADULT EDUCATION

Each of the seven tables in this section examines a single question against other selected questions from the Adult Education Survey Instrument. The tables cover: Activity description; sponsor of the activity; facility at which the activity took place; method of instruction; duration of the activity; whether the participant had completed, dropped, or was still taking the activity; type of credit expected; and source of payment for activity.

Throughout the report, questions are identified by number and are in the same order as on the questionnaire. Data from questions omitted in this section appear elsewhere in the report.

In all tables presenting unduplicated counts for the adult education questions, percentages added up columns will exceed 100.0; row numbers, and numbers converted from percents across row, will exceed totals because a participant may have engaged in more than one activity and the separate activities may have been for different options within a question. (Additionally, for questions 6 and 12 the participant was permitted to respond to more than one option for the same activity.) But all data cells were independently tabulated so that a participant was counted only once in a data cell; thus, unduplicated counts were obtained within a data cell and standard errors can be used.

### Selected Findings

The categories most frequently chosen by the 13,041,000 participants to best describe their adult education activities were: Technical and vocational skills (22.6 percent), high school and college courses for credit (22.3 percent), professional skills (16.2 percent), personal development (8.9 percent), hobbies and handcrafts (8.7 percent), and managerial skills (7.2 percent) (derived from table 19).

Adult basic education was taken by 585,000 participants; of this group, 26.9 percent expected credit to apply toward high school completion and 5.3 percent, toward 8th-grade competency (table 19).

Employers seemed to favor management training; they paid for instruction received by 68.1 percent of the 938,000 participants engaged in managerial education, sponsored or

administered management training received by 48.3 percent, and enabled 30.2 percent to receive their managerial education at their place of work (table 19).

Correspondence courses were taken by 13.0 percent of the 2,951,000 participants in technical or vocational education though only 8.5 percent of all 13,041,000 adult education participants used that method (table 19).

Private vocational, trade, or business schools were most frequently cited (by 31.8 percent) as sponsors of adult education for the 1,423,000 persons studying to get new jobs. Of those reporting 160 to 319 hours of instruction for an activity during the year, the proportion of people preparing for a new job (10.9 percent of 1,423,000) was twice as great as the proportion of all participants (5.4 percent of 13,041,000). People preparing for new jobs also did considerable homework; 15.0 percent spent between 80 and 159 hours on an activity during the year, again a higher percentage than among all adult education participants (table 20).

College credit was expected by 61.8 percent of the 2,831,000 participants in activities sponsored by 4-year educational institutions; 11.0 percent expected credit toward a skill certificate or license, and 22.2 percent expected no credit. The adult education participants in 4-year colleges and universities were largely self-financed or financed by their families (73.9 percent), or by employers (20.3 percent) (table 21).

Courses were completed by 81 percent of the 2,831,000 participants whose adult education was sponsored or administered by 4-year colleges or universities; 19.1 percent were still taking their courses, and only 4.8 percent dropped out. The proportion dropping out was half as great as the 9.1 percent for all 13,041,000 participants for all sources of adult education (table 21).

Of the 2,831,000 participants in activities sponsored by 4-year colleges or universities, 4.1 percent indicated a private home as the location of the instruction; this was compatible with the 4.4 percent who selected correspondence as the method of instruction used (table 21).

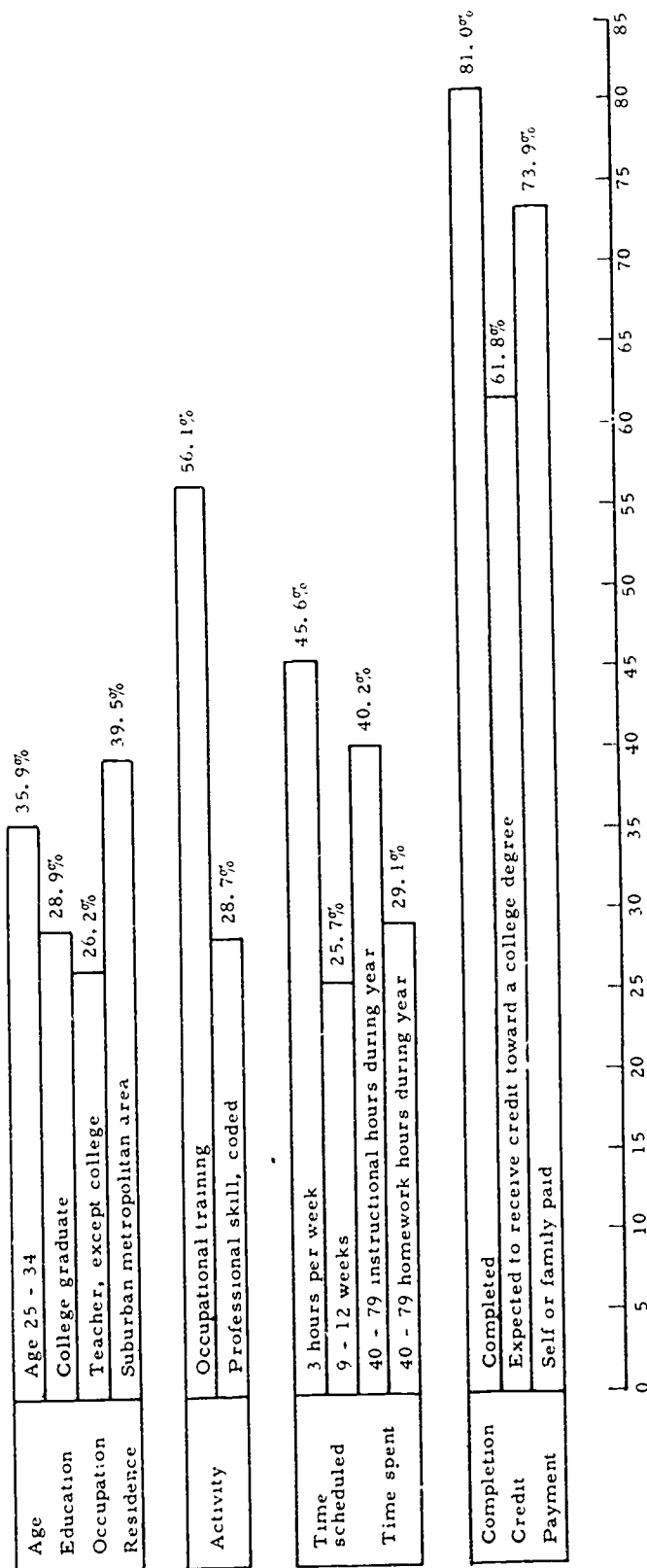
Correspondence work was of much longer duration than other methods of instruction. An indefinite or unknown duration was indicated by 12.7 percent of the 1,110,000 correspondence participants as compared to 5.7 percent of all 13,041,000 participants. Of the persons doing correspondence work, 58.4 percent were still taking their activity while the percentages ranged between 19.1 and 31.5 among participants using the other methods of instruction. Only 29.8 percent of the correspondence participants had completed their activities whereas the percentages ranged between 56.5 and 75.5 for participants using other methods (table 23).

The largest percentage, 37.2, of the 1,110,000 correspondence participants expected credit toward a skill certificate or license. Practically the same number, 36.9 percent, expected no credit (table 23).

Persons taking adult education at their place of work showed a slightly higher completion rate (13.2 percent of the 9,065,000 completing) than all participants (12.0 percent of

Chart 5. --Highlights of characteristics of 2,831,000 participants and aspects of their adult education sponsored or administered by 4-year colleges or universities:  
United States, year ending May 1969

Highest percentage selected from each category



Source: Tables 13 and 21

13,041,000). (The difference would be greater if the subpopulation were subtracted from the total.) Employer-financed participants indicated a high completion rate--32.0 percent of the 9,065,000 completing as compared to 7.7 percent of the 1,188,000 dropping (table 24).

Government funding of adult education seemed to be focused primarily on helping people attain a skill, complete high school, or receive basic education. The government supported 14.3 percent of the 2,486,000 participants expecting to receive credit toward a skill certificate or license, 29.1 percent of the 549,000 participants expecting to receive credit toward high school completion, and 49.7 percent of the 45,000 expecting 8th-grade competency. These compare with government funding of 10.1 percent of all 13,041,000 participants (table 25).

[illegible][illegible][illegible]

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)	(55)	(56)	(57)	(58)	(59)	(60)	(61)	(62)	(63)	(64)	(65)	(66)	(67)	(68)	(69)	(70)	(71)	(72)	(73)	(74)	(75)	(76)	(77)	(78)	(79)	(80)	(81)	(82)	(83)	(84)	(85)	(86)	(87)	(88)	(89)	(90)	(91)	(92)	(93)	(94)	(95)	(96)	(97)	(98)	(99)	(100)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	

'1,

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

10  
 9  
 8  
 7  
 6  
 5  
 4  
 3  
 2  
 1

THE UNIVERSITY OF CHICAGO

100

$\mathcal{F}_1$   
 $\mathcal{F}_2$   
 $\mathcal{F}_3$   
 $\mathcal{F}_4$   
 $\mathcal{F}_5$   
 $\mathcal{F}_6$   
 $\mathcal{F}_7$   
 $\mathcal{F}_8$   
 $\mathcal{F}_9$   
 $\mathcal{F}_{10}$   
 $\mathcal{F}_{11}$   
 $\mathcal{F}_{12}$   
 $\mathcal{F}_{13}$   
 $\mathcal{F}_{14}$   
 $\mathcal{F}_{15}$   
 $\mathcal{F}_{16}$   
 $\mathcal{F}_{17}$   
 $\mathcal{F}_{18}$   
 $\mathcal{F}_{19}$   
 $\mathcal{F}_{20}$   
 $\mathcal{F}_{21}$   
 $\mathcal{F}_{22}$   
 $\mathcal{F}_{23}$   
 $\mathcal{F}_{24}$   
 $\mathcal{F}_{25}$   
 $\mathcal{F}_{26}$   
 $\mathcal{F}_{27}$   
 $\mathcal{F}_{28}$   
 $\mathcal{F}_{29}$   
 $\mathcal{F}_{30}$   
 $\mathcal{F}_{31}$   
 $\mathcal{F}_{32}$   
 $\mathcal{F}_{33}$   
 $\mathcal{F}_{34}$   
 $\mathcal{F}_{35}$   
 $\mathcal{F}_{36}$   
 $\mathcal{F}_{37}$   
 $\mathcal{F}_{38}$   
 $\mathcal{F}_{39}$   
 $\mathcal{F}_{40}$   
 $\mathcal{F}_{41}$   
 $\mathcal{F}_{42}$   
 $\mathcal{F}_{43}$   
 $\mathcal{F}_{44}$   
 $\mathcal{F}_{45}$   
 $\mathcal{F}_{46}$   
 $\mathcal{F}_{47}$   
 $\mathcal{F}_{48}$   
 $\mathcal{F}_{49}$   
 $\mathcal{F}_{50}$   
 $\mathcal{F}_{51}$   
 $\mathcal{F}_{52}$   
 $\mathcal{F}_{53}$   
 $\mathcal{F}_{54}$   
 $\mathcal{F}_{55}$   
 $\mathcal{F}_{56}$   
 $\mathcal{F}_{57}$   
 $\mathcal{F}_{58}$   
 $\mathcal{F}_{59}$   
 $\mathcal{F}_{60}$   
 $\mathcal{F}_{61}$   
 $\mathcal{F}_{62}$   
 $\mathcal{F}_{63}$   
 $\mathcal{F}_{64}$   
 $\mathcal{F}_{65}$   
 $\mathcal{F}_{66}$   
 $\mathcal{F}_{67}$   
 $\mathcal{F}_{68}$   
 $\mathcal{F}_{69}$   
 $\mathcal{F}_{70}$   
 $\mathcal{F}_{71}$   
 $\mathcal{F}_{72}$   
 $\mathcal{F}_{73}$   
 $\mathcal{F}_{74}$   
 $\mathcal{F}_{75}$   
 $\mathcal{F}_{76}$   
 $\mathcal{F}_{77}$   
 $\mathcal{F}_{78}$   
 $\mathcal{F}_{79}$   
 $\mathcal{F}_{80}$   
 $\mathcal{F}_{81}$   
 $\mathcal{F}_{82}$   
 $\mathcal{F}_{83}$   
 $\mathcal{F}_{84}$   
 $\mathcal{F}_{85}$   
 $\mathcal{F}_{86}$   
 $\mathcal{F}_{87}$   
 $\mathcal{F}_{88}$   
 $\mathcal{F}_{89}$   
 $\mathcal{F}_{90}$   
 $\mathcal{F}_{91}$   
 $\mathcal{F}_{92}$   
 $\mathcal{F}_{93}$   
 $\mathcal{F}_{94}$   
 $\mathcal{F}_{95}$   
 $\mathcal{F}_{96}$   
 $\mathcal{F}_{97}$   
 $\mathcal{F}_{98}$   
 $\mathcal{F}_{99}$   
 $\mathcal{F}_{100}$

100

100

1990

[illegible]

**Abstract**

1  
 2  
 3  
 4  
 5  
 6  
 7  
 8  
 9  
 10  
 11  
 12  
 13  
 14  
 15  
 16  
 17  
 18  
 19  
 20  
 21  
 22  
 23  
 24  
 25  
 26  
 27  
 28  
 29  
 30  
 31  
 32  
 33  
 34  
 35  
 36  
 37  
 38  
 39  
 40  
 41  
 42  
 43  
 44  
 45  
 46  
 47  
 48  
 49  
 50  
 51  
 52  
 53  
 54  
 55  
 56  
 57  
 58  
 59  
 60  
 61  
 62  
 63  
 64  
 65  
 66  
 67  
 68  
 69  
 70  
 71  
 72  
 73  
 74  
 75  
 76  
 77  
 78  
 79  
 80  
 81  
 82  
 83  
 84  
 85  
 86  
 87  
 88  
 89  
 90  
 91  
 92  
 93  
 94  
 95  
 96  
 97  
 98  
 99  
 100  
 101  
 102  
 103  
 104  
 105  
 106  
 107  
 108  
 109  
 110  
 111  
 112  
 113  
 114  
 115  
 116  
 117  
 118  
 119  
 120  
 121  
 122  
 123  
 124  
 125  
 126  
 127  
 128  
 129  
 130  
 131  
 132  
 133  
 134  
 135  
 136  
 137  
 138  
 139  
 140  
 141  
 142  
 143  
 144  
 145  
 146  
 147  
 148  
 149  
 150  
 151  
 152  
 153  
 154  
 155  
 156  
 157  
 158  
 159  
 160  
 161  
 162  
 163  
 164  
 165  
 166  
 167  
 168  
 169  
 170  
 171  
 172  
 173  
 174  
 175  
 176  
 177  
 178  
 179  
 180  
 181  
 182  
 183  
 184  
 185  
 186  
 187  
 188  
 189  
 190  
 191  
 192  
 193  
 194  
 195  
 196  
 197  
 198  
 199  
 200  
 201  
 202  
 203  
 204  
 205  
 206  
 207  
 208  
 209  
 210  
 211  
 212  
 213  
 214  
 215  
 216  
 217  
 218  
 219  
 220  
 221  
 222  
 223  
 224  
 225  
 226  
 227  
 228  
 229  
 230  
 231  
 232  
 233  
 234  
 235  
 236  
 237  
 238  
 239  
 240  
 241  
 242  
 243  
 244  
 245  
 246  
 247  
 248  
 249  
 250  
 251  
 252  
 253  
 254  
 255  
 256  
 257  
 258  
 259  
 260  
 261  
 262  
 263  
 264  
 265  
 266  
 267  
 268  
 269  
 270  
 271  
 272  
 273  
 274  
 275  
 276  
 277  
 278  
 279  
 280  
 281  
 282  
 283  
 284  
 285  
 286  
 287  
 288  
 289  
 290  
 291  
 292  
 293  
 294  
 295  
 296  
 297  
 298  
 299  
 300  
 301  
 302  
 303  
 304  
 305  
 306  
 307  
 308  
 309  
 310  
 311  
 312  
 313  
 314  
 315  
 316  
 317  
 318  
 319  
 320  
 321  
 322  
 323  
 324  
 325  
 326  
 327  
 328  
 329  
 330  
 331  
 332  
 333  
 334  
 335  
 336  
 337  
 338  
 339  
 340  
 341  
 342  
 343  
 344  
 345  
 346  
 347  
 348  
 349  
 350  
 351  
 352  
 353  
 354  
 355  
 356  
 357  
 358  
 359  
 360  
 361  
 362  
 363  
 364  
 365  
 366  
 367  
 368  
 369  
 370  
 371  
 372  
 373  
 374  
 375  
 376  
 377  
 378  
 379  
 380  
 381  
 382  
 383  
 384  
 385  
 386  
 387  
 388  
 389  
 390  
 391  
 392  
 393  
 394  
 395  
 396  
 397  
 398  
 399  
 400  
 401  
 402  
 403  
 404  
 405  
 406  
 407  
 408  
 409  
 410  
 411  
 412  
 413  
 414  
 415  
 416  
 417  
 418  
 419  
 420  
 421  
 422  
 423  
 424  
 425  
 426  
 427  
 428  
 429  
 430  
 431  
 432  
 433  
 434  
 435  
 436  
 437  
 438  
 439  
 440  
 441  
 442  
 443  
 444  
 445  
 446  
 447  
 448  
 449  
 450  
 451  
 452  
 453  
 454  
 455  
 456  
 457  
 458  
 459  
 460  
 461  
 462  
 463  
 464  
 465  
 466  
 467  
 468  
 469  
 470  
 471  
 472  
 473  
 474  
 475  
 476  
 477  
 478  
 479  
 480  
 481  
 482  
 483  
 484  
 485  
 486  
 487  
 488  
 489  
 490  
 491  
 492  
 493  
 494  
 495  
 496  
 497  
 498  
 499  
 500  
 501  
 502  
 503  
 504  
 505  
 506  
 507  
 508  
 509  
 510  
 511  
 512  
 513  
 514  
 515  
 516  
 517  
 518  
 519  
 520  
 521  
 522  
 523  
 524  
 525

[illegible]

— 102 —

[illegible]

Circle 1546

Carlsna  
Oberlin

• • • • •

1. The first is the fact that the system is not a simple linear system. The output is not directly proportional to the input, and the system is not time-invariant. This is due to the fact that the system is a nonlinear system, and the output is a function of the input and the state of the system.

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25  
26  
27  
28  
29  
30  
31  
32  
33  
34  
35  
36  
37  
38  
39  
40  
41  
42  
43  
44  
45  
46  
47  
48  
49  
50  
51  
52  
53  
54  
55  
56  
57  
58  
59  
60  
61  
62  
63  
64  
65  
66  
67  
68  
69  
70  
71  
72  
73  
74  
75  
76  
77  
78  
79  
80  
81  
82  
83  
84  
85  
86  
87  
88  
89  
90  
91  
92  
93  
94  
95  
96  
97  
98  
99  
100  
101  
102  
103  
104  
105  
106  
107  
108  
109  
110  
111  
112  
113  
114  
115  
116  
117  
118  
119  
120  
121  
122  
123  
124  
125  
126  
127  
128  
129  
130  
131  
132  
133  
134  
135  
136  
137  
138  
139  
140  
141  
142  
143  
144  
145  
146  
147  
148  
149  
150  
151  
152  
153  
154  
155  
156  
157  
158  
159  
160  
161  
162  
163  
164  
165  
166  
167  
168  
169  
170  
171  
172  
173  
174  
175  
176  
177  
178  
179  
180  
181  
182  
183  
184  
185  
186  
187  
188  
189  
190  
191  
192  
193  
194  
195  
196  
197  
198  
199  
200  
201  
202  
203  
204  
205  
206  
207  
208  
209  
210  
211  
212  
213  
214  
215  
216  
217  
218  
219  
220  
221  
222  
223  
224  
225  
226  
227  
228  
229  
230  
231  
232  
233  
234  
235  
236  
237  
238  
239  
240  
241  
242  
243  
244  
245  
246  
247  
248  
249  
250  
251  
252  
253  
254  
255  
256  
257  
258  
259  
260  
261  
262  
263  
264  
265  
266  
267  
268  
269  
270  
271  
272  
273  
274  
275  
276  
277  
278  
279  
280  
281  
282  
283  
284  
285  
286  
287  
288  
289  
290  
291  
292  
293  
294  
295  
296  
297  
298  
299  
300  
301  
302  
303  
304  
305  
306  
307  
308  
309  
310  
311  
312  
313  
314  
315  
316  
317  
318  
319  
320  
321  
322  
323  
324  
325  
326  
327  
328  
329  
330  
331  
332  
333  
334  
335  
336  
337  
338  
339  
340  
341  
342  
343  
344  
345  
346  
347  
348  
349  
350  
351  
352  
353  
354  
355  
356  
357  
358  
359  
360  
361  
362  
363  
364  
365  
366  
367  
368  
369  
370  
371  
372  
373  
374  
375  
376  
377  
378  
379  
380  
381  
382  
383  
384  
385  
386  
387  
388  
389  
390  
391  
392  
393  
394  
395  
396  
397  
398  
399  
400  
401  
402  
403  
404  
405  
406  
407  
408  
409  
410  
411  
412  
413  
414  
415  
416  
417  
418  
419  
420  
421  
422  
423  
424  
425  
426  
427  
428  
429  
430  
431  
432  
433  
434  
435  
436  
437  
438  
439  
440  
441  
442  
443  
444  
445  
446  
447  
448  
449  
450  
451  
452  
453  
454  
455  
456  
457  
458  
459  
460  
461  
462  
463  
464  
465  
466  
467  
468  
469  
470  
471  
472  
473  
474  
475  
476  
477  
478  
479  
480  
481  
482  
483  
484  
485  
486  
487  
488  
489  
490  
491  
492  
493  
494  
495  
496  
497  
498  
499  
500  
501  
502  
503  
504  
505  
506  
507  
508  
509  
510  
511  
512  
513  
514  
515  
516  
517  
518  
519  
520  
521  
522  
523  
524  
525  
526  
527  
528  
529  
530  
531  
532  
533  
534  
535  
536  
537  
538  
539  
540  
541  
542  
543  
544  
545  
546  
547  
548  
549  
550  
551  
552  
553  
554  
555  
556  
557  
558  
559  
560  
561  
562  
563  
564  
565  
566  
567  
568  
569  
570  
571  
572  
573  
574  
575  
576  
577  
578  
579  
580  
581  
582  
583  
584  
585  
586  
587  
588  
589  
590  
591  
592  
593  
594  
595  
596  
597  
598  
599  
600  
601  
602  
603  
604  
605  
606  
607  
608  
609  
610  
611  
612  
613  
614  
615  
616  
617  
618  
619  
620  
621  
622  
623  
624  
625  
626  
627  
628  
629  
630  
631  
632  
633  
634  
635  
636  
637  
638  
639  
640  
641  
642  
643  
644  
645  
646  
647  
648  
649  
650  
651  
652  
653  
654  
655  
656  
657  
658  
659  
660  
661  
662  
663  
664  
665  
666  
667  
668  
669  
670  
671  
672  
673  
674  
675  
676  
677  
678  
679  
680  
681  
682  
683  
684  
685  
686  
687  
688  
689  
690  
691  
692  
693  
694  
695  
696  
697  
698  
699  
700  
701  
702  
703  
704  
705  
706  
707  
708  
709  
710  
711  
712  
713  
714  
715  
716  
717  
718  
719  
720  
721  
722  
723  
724  
725  
726  
727  
728  
729  
730  
731  
732  
733  
734  
735  
736  
737  
738  
739  
740  
741  
742  
743  
744  
745  
746  
747  
748  
749  
750  
751  
752  
753  
754  
755  
756  
757  
758  
759  
760  
761  
762  
763  
764  
765  
766  
767  
768  
769  
770  
771  
772  
773  
774  
775  
776  
777  
778  
779  
780  
781  
782  
783  
784  
785  
786  
787  
788  
789  
790  
791  
792  
793  
794  
795  
796  
797  
798  
799  
800  
801  
802  
803  
804  
805  
806  
807  
808  
809  
810  
811  
812  
813  
814  
815  
816  
817  
818  
819  
820  
821  
822  
823  
824  
825  
826  
827  
828  
829  
830  
831  
832  
833  
834  
835  
836  
837  
838  
839  
840  
84

FOR OR TRADE MARK

一、二、三、四、五、六、七、八、九、十、十一、十二、十三、十四、十五、十六、十七、十八、十九、二十、二十一、二十二、二十三、二十四、二十五、二十六、二十七、二十八、二十九、三十、三十一、三十二、三十三、三十四、三十五、三十六、三十七、三十八、三十九、四十、四十一、四十二、四十三、四十四、四十五、四十六、四十七、四十八、四十九、五十、五十一、五十二、五十三、五十四、五十五、五十六、五十七、五十八、五十九、六十、六十一、六十二、六十三、六十四、六十五、六十六、六十七、六十八、六十九、七十、七十一、七十二、七十三、七十四、七十五、七十六、七十七、七十八、七十九、八十、八十一、八十二、八十三、八十四、八十五、八十六、八十七、八十八、八十九、九十、九十一、九十二、九十三、九十四、九十五、九十六、九十七、九十八、九十九、一百。

1000

year collection :

[illegible]

117. 64, 97, 129, 161, 193, 225, 257, 289, 321, 353, 385, 417, 449, 481, 513, 545, 577, 609, 641, 673, 705, 737, 769, 801, 833, 865, 897, 929, 961, 993, 1025, 1057, 1089, 1121, 1153, 1185, 1217, 1249, 1281, 1313, 1345, 1377, 1409, 1441, 1473, 1505, 1537, 1569, 1601, 1633, 1665, 1697, 1729, 1761, 1793, 1825, 1857, 1889, 1921, 1953, 1985, 2017, 2049, 2081, 2113, 2145, 2177, 2209, 2241, 2273, 2305, 2337, 2369, 2401, 2433, 2465, 2497, 2529, 2561, 2593, 2625, 2657, 2689, 2721, 2753, 2785, 2817, 2849, 2881, 2913, 2945, 2977, 3009, 3041, 3073, 3105, 3137, 3169, 3201, 3233, 3265, 3297, 3329, 3361, 3393, 3425, 3457, 3489, 3521, 3553, 3585, 3617, 3649, 3681, 3713, 3745, 3777, 3809, 3841, 3873, 3905, 3937, 3969, 4001, 4033, 4065, 4097, 4129, 4161, 4193, 4225, 4257, 4289, 4321, 4353, 4385, 4417, 4449, 4481, 4513, 4545, 4577, 4609, 4641, 4673, 4705, 4737, 4769, 4801, 4833, 4865, 4897, 4929, 4961, 4993, 5025, 5057, 5089, 5121, 5153, 5185, 5217, 5249, 5281, 5313, 5345, 5377, 5409, 5441, 5473, 5505, 5537, 5569, 5601, 5633, 5665, 5697, 5729, 5761, 5793, 5825, 5857, 5889, 5921, 5953, 5985, 6017, 6049, 6081, 6113, 6145, 6177, 6209, 6241, 6273, 6305, 6337, 6369, 6401, 6433, 6465, 6497, 6529, 6561, 6593, 6625, 6657, 6689, 6721, 6753, 6785, 6817, 6849, 6881, 6913, 6945, 6977, 7009, 7041, 7073, 7105, 7137, 7169, 7201, 7233, 7265, 7297, 7329, 7361, 7393, 7425, 7457, 7489, 7521, 7553, 7585, 7617, 7649, 7681, 7713, 7745, 7777, 7809, 7841, 7873, 7905, 7937, 7969, 8001, 8033, 8065, 8097, 8129, 8161, 8193, 8225, 8257, 8289, 8321, 8353, 8385, 8417, 8449, 8481, 8513, 8545, 8577, 8609, 8641, 8673, 8705, 8737, 8769, 8801, 8833, 8865, 8897, 8929, 8961, 8993, 9025, 9057, 9089, 9121, 9153, 9185, 9217, 9249, 9281, 9313, 9345, 9377, 9409, 9441, 9473, 9505, 9537, 9569, 9601, 9633, 9665, 9697, 9729, 9761, 9793, 9825, 9857, 9889, 9921, 9953, 9985, 10017, 10049, 10081, 10113, 10145, 10177, 10209, 10241, 10273, 10305, 10337, 10369, 10401, 10433, 10465, 10497, 10529, 10561, 10593, 10625, 10657, 10689, 10721, 10753, 10785, 10817, 10849, 10881, 10913, 10945, 10977, 11009, 11041, 11073, 11105, 11137, 11169, 11201, 11233, 11265, 11297, 11329, 11361, 11393, 11425, 11457, 11489, 11521, 11553, 11585, 11617, 11649, 11681, 11713, 11745, 11777, 11809, 11841, 11873, 11905, 11937, 11969, 12001, 12033, 12065, 12097, 12129, 12161, 12193, 12225, 12257, 12289, 12321, 12353, 12385, 12417, 12449, 12481, 12513, 12545, 12577, 12609, 12641, 12673, 12705, 12737, 12769, 12801, 12833, 12865, 12897, 12929, 12961, 12993, 13025, 13057, 13089, 13121, 13153, 13185, 13217, 13249, 13281, 13313, 13345, 13377, 13409, 13441, 13473, 13505, 13537, 13569, 13601, 13633, 13665, 13697, 13729, 13761, 13793, 13825, 13857, 13889, 13921, 13953, 13985, 14017, 14049, 14081, 14113, 14145, 14177, 14209, 14241, 14273, 14305, 14337, 14369, 14401, 14433, 14465, 14497, 14529, 14561, 14593, 14625, 14657, 14689, 14721, 14753, 14785, 14817, 14849, 14881, 14913, 14945, 14977, 15009, 15041, 15073, 15105, 15137, 15169, 15201, 15233, 15265, 15297, 15329, 15361, 15393, 15425, 15457, 15489, 15521, 15553, 15585, 15617, 15649, 15681, 15713, 15745, 15777, 15809, 15841, 15873, 15905, 15937, 15969, 16001, 16033, 16065, 16097, 16129, 16161, 16193, 16225, 16257, 16289, 16321, 16353, 16385, 16417, 16449, 16481, 16513, 16545, 16577, 16609, 16641, 16673, 16705, 16737, 16769, 16801, 16833, 16865, 16897, 16929, 16961, 16993, 17025, 17057, 17089, 17121, 17153, 17185, 17217, 17249, 17281, 17313, 17345, 17377, 17409, 17441, 17473, 17505, 17537, 17569, 17601, 17633, 17665, 17697, 17729, 17761, 17793, 17825, 17857, 17889, 17921, 17953, 17985, 18017, 18049, 18081, 18113, 18145, 18177, 18209, 18241, 18273, 18305, 18337, 18369, 18401, 18433, 18465, 18497, 18529, 18561, 18593, 18625, 18657, 18689, 18721, 18753, 18785, 18817, 18849, 18881, 18913, 18945, 18977, 19009, 19041, 19073, 19105, 19137, 19169, 19201, 19233, 19265, 19297, 19329, 19361, 19393, 19425, 19457, 19489, 19521, 19553, 19585, 19617, 19649, 19681, 19713, 19745, 19777, 19809, 19841, 19873, 19905, 19937, 19969, 20001, 20033, 20065, 20097, 20129, 20161, 20193, 20225, 20257, 20289, 2

—

... ..

1000

s at end of table.

**Abstract**

Table 1. -- Categories chosen by participants to describe activities taken, by selected adult education aspects  
United States, year ending May 1969--Continued

| Q. 2--ACTIVITY CATEGORIES CHOSEN BY PARTICIPANTS |                    |                       |                          |  |               |              |                          |            |         |                            |                          |                    |       |                       |                   |      |
|--|--------------------|-----------------------|--------------------------|--|---------------|--------------|--------------------------|------------|---------|----------------------------|--------------------------|--------------------|-------|-----------------------|-------------------|------|
| Selected adult education aspects                 | Total participants | Adult basic education | Vocational and technical | High school and college courses for credit | Mar. gen. ed. | Professional | Civic and public affairs | Recreation | Society | Home, family and household | Personal and development | Hobbies and crafts | Other | Activity carries over | Activity reported | (17) |
|  |                    |                       |                          |  |               |              |                          |            |         |                            |                          |                    |       |                       |                   |      |
| Q. 5--FACILITY                                   |                    |                       |                          |  |               |              |                          |            |         |                            |                          |                    |       |                       |                   |      |
| School or college building                       | 7.0                | 74.0                  | 77.3                     | 88.8                                       | 39.3          | 41.3         | 49.7                     | 31.7       | 17.3    | 28.7                       | 48.0                     | 47.4               | 1.4   | 4.8                   | 4.8               | 4.8  |
| Community center                                 | 7.3                | 5.9                   | 5.8                      | 1.0  | 3.6           | 3.4          | 2.6                      | 16.9       | 5       | 15.8                       | 12.2                     | 9.7                | 1.8   | 3.2                   | 2.0               | 2.0  |
| Church   | 12.0               | 4.3                   | 4.7                      | 2.2  | 2.2           | 3.2          | 2.6                      | 1.4        | 4       | 3.3                        | 7.8                      | 3.4                | 2.2   | 0                     | 0                 | 0    |
| Place of work                                    | 11.8               | 5.9                   | 11.0                     | 7.7  | 20.9          | 30.7         | 19.2                     | 5.3        | 29.0    | 1.0                        | 1.2                      | 1.2                | 9     | 12.4                  | 8.4               | 8.4  |
| Private home                                     | 17.7               | 4.7                   | 1.4                      | 3.7  | 11.3          | 9.9          | 9.7                      | 11.3       | 1.0     | 9.7                        | 1.2                      | 17.7               | 4.1   | 2.1                   | 2.1               | 2.1  |
| Other  | 17.7               | 1.7                   | 1.0                      | 1.0  | 19.2          | 27.8         | 23.7                     | 7.6        | 20.5    | 17.1                       | 21.4                     | 17.6               | 1.7   | 2.3                   | 2.3               | 2.3  |
| Not reported                                     | 7.3                | 85.0                  | 11.7                     | 88.1                                       | 69.6          | 75.4         | 71.1                     | 73.1       | 80.1    | 11                         | 13.1                     | 11                 | 7.2   | 6.9                   | 6.9               | 6.9  |
| Q. 6--METHOD OF INSTRUCTION                      |                    |                       |                          |  |               |              |                          |            |         |                            |                          |                    |       |                       |                   |      |
| Lecture or class                                 | 33.5               | 10.4                  | 10.7                     | 17.8                                       | 34.1          | 38.1         | 14.5                     | 47.2       | 34.2    | 40.7                       | 27.1                     | 13.1               | 13.1  | 13.1                  | 13.1              | 13.1 |
| Workshop or discussion group                     | 13.2               | 6.4                   | 6.3                      | 4.9  | 12.6          | 12.0         | 10.9                     | 7.9        | 12.1    | 1.4                        | 22.8                     | 17.8               | 14.4  | 14.4                  | 14.4              | 14.4 |
| Individual instruction                           | 7.0                | 5.9                   | 5.0                      | 2.5  | 15.2          | 11.1         | 5.8                      | 1.3        | 7.8     | 1.2                        | 1.4                      | 1.8                | 1.8   | 1.8                   | 1.8               | 1.8  |
| Organized training or the job                    | 8.5                | 5.6                   | 1.4                      | 6.6  | 13.0          | 12.8         | 4.5                      | 4.0        | 1.0     | 1.7                        | 2.9                      | 2.9                | 2.9   | 2.9                   | 2.9               | 2.9  |
| Correspondence                                   | 3.6                | 1.3                   | 1.3                      | 1.3  | 7             | 1.3          | 1.3                      | 1.3        | 1.3     | 1.3                        | 1.3                      | 1.3                | 1.3   | 1.3                   | 1.3               | 1.3  |
| Television or radio                              | 1.7                | 1.7                   | 1.7                      | 1.7  | 1.7           | 1.7          | 1.7                      | 1.7        | 1.7     | 1.7                        | 1.7                      | 1.7                | 1.7   | 1.7                   | 1.7               | 1.7  |
| Other  | 1.7                | 1.7                   | 1.7                      | 1.7  | 1.7           | 1.7          | 1.7                      | 1.7        | 1.7     | 1.7                        | 1.7                      | 1.7                | 1.7   | 1.7                   | 1.7               | 1.7  |
| Not reported                                     | 1.7                | 1.0                   | 1.5                      | 1.3  | 1.5           | 1.7          | 5                        | 2          | 0       | 1                          | 1                        | 1                  | 1     | 1                     | 1                 | 1    |
| Q. 7--HOURS SCHEDULED PER WEEK                   |                    |                       |                          |  |               |              |                          |            |         |                            |                          |                    |       |                       |                   |      |
| 1-4  | 7.1                | 3.0                   | 3.3                      | 1.9  | 2.5           | 4.7          | 4.7                      | 23.1       | 6.5     | 7.7                        | 16.1                     | 19.3               | 1.3   | 6.4                   | 6.4               | 6.4  |
| 5-9  | 22.1               | 19.7                  | 18.9                     | 13.6                                       | 13.5          | 15.6         | 21.1                     | 36.2       | 30.1    | 44.7                       | 27.3                     | 10.7               | 22.5  | 12.2                  | 12.2              | 12.2 |
| 10-14  | 29.1               | 18.2                  | 25.4                     | 49.5                                       | 16.0          | 20.4         | 25.6                     | 11.2       | 16      | 32.0                       | 41.4                     | 37.0               | 26.4  | 26.4                  | 26.4              | 26.4 |
| 15-19  | 11.3               | 18.3                  | 29.6                     | 14.0                                       | 10.2          | 9.8          | 9.9                      | 4.0        | 4.3     | 4.9                        | 11.4                     | 7.4                | 4.0   | 4.0                   | 4.0               | 4.0  |
| 20-24  | 19.6               | 27.0                  | 17.7                     | 27.0                                       | 20.8          | 18.8         | 19.0                     | 12.2       | 20.0    | 7.7                        | 11.6                     | 5.1                | 17.8  | 20.6                  | 20.6              | 20.6 |
| 25-29  | 3.4                | 2.8                   | 3.0                      | 3.8  | 3.8           | 3.7          | 3.7                      | 5.8        | 2.9     | 1.4                        | 1.3                      | 1.0                | 4     | 4                     | 4                 | 4    |
| 30-34  | 1.7                | 1.6                   | 1.6                      | 1.2  | 2.4           | 2.1          | 1.9                      | 2.9        | 1.9     | 1.8                        | 1.3                      | 1.0                | 1.3   | 1.3                   | 1.3               | 1.3  |
| 35-39  | 3.4                | 2.5                   | 2.5                      | 1.0  | 4.8           | 2.1          | 4.7                      | 1.7        | 2.6     | 0                          | 1.4                      | 1.0                | 1.3   | 1.3                   | 1.3               | 1.3  |
| 40-44  | 1.7                | 1.7                   | 1.7                      | 1.7  | 1.7           | 1.7          | 1.7                      | 1.7        | 1.7     | 1.7                        | 1.7                      | 1.7                | 1.7   | 1.7                   | 1.7               | 1.7  |
| 45-49  | 2.0                | 1.1                   | 1.1                      | 1.7  | 3.0           | 1.7          | 2.1                      | 1.7        | 1.7     | 1.7                        | 1.7                      | 1.7                | 1.7   | 1.7                   | 1.7               | 1.7  |
| 50-54  | 1.8                | 1.5                   | 1.4                      | 5  | 2.3           | 4.9          | 3.2                      | 1.4        | 1.0     | 1.7                        | 1.7                      | 1.7                | 1.7   | 1.7                   | 1.7               | 1.7  |
| 55-59  | 9                  | 1.9                   | 1.9                      | 1.9  | 1.9           | 1.9          | 1.9                      | 1.9        | 1.9     | 1.9                        | 1.9                      | 1.9                | 1.9   | 1.9                   | 1.9               | 1.9  |
| 60-64  | 1.4                | 1.4                   | 1.4                      | 1.4  | 1.5           | 1.4          | 1.4                      | 1.4        | 1.4     | 1.4                        | 1.4                      | 1.4                | 1.4   | 1.4                   | 1.4               | 1.4  |
| 65-69  | 5                  | 1.4                   | 1.4                      | 1.4  | 1.4           | 1.4          | 1.4                      | 1.4        | 1.4     | 1.4                        | 1.4                      | 1.4                | 1.4   | 1.4                   | 1.4               | 1.4  |
| 70-74  | 1.4                | 1.4                   | 1.4                      | 1.4  | 1.4           | 1.4          | 1.4                      | 1.4        | 1.4     | 1.4                        | 1.4                      | 1.4                | 1.4   | 1.4                   | 1.4               | 1.4  |
| 75-79  | 1.4                | 1.4                   | 1.4                      | 1.4  | 1.4           | 1.4          | 1.4                      | 1.4        | 1.4     | 1.4                        | 1.4                      | 1.4                | 1.4   | 1.4                   | 1.4               | 1.4  |
| 80-84  | 1.4                | 1.4                   | 1.4                      | 1.4  | 1.4           | 1.4          | 1.4                      | 1.4        | 1.4     | 1.4                        | 1.4                      | 1.4                | 1.4   | 1.4                   | 1.4               | 1.4  |
| 85-89  | 1.4                | 1.4                   | 1.4                      | 1.4  | 1.4           | 1.4          | 1.4                      | 1.4        | 1.4     | 1.4                        | 1.4                      | 1.4                | 1.4   | 1.4                   | 1.4               | 1.4  |
| 90-94  | 1.4                | 1.4                   | 1.4                      | 1.4  | 1.4           | 1.4          | 1.4                      | 1.4        | 1.4     | 1.4                        | 1.4                      | 1.4                | 1.4   | 1.4                   | 1.4               | 1.4  |
| 95-99  | 1.4                | 1.4                   | 1.4                      | 1.4  | 1.4           | 1.4          | 1.4                      | 1.4        | 1.4     | 1.4                        | 1.4                      | 1.4                | 1.4   | 1.4                   | 1.4               | 1.4  |
| 100-104  | 1.4                | 1.4                   | 1.4                      | 1.4  | 1.4           | 1.4          | 1.4                      | 1.4        | 1.4     | 1.4                        | 1.4                      | 1.4                | 1.4   | 1.4                   | 1.4               | 1.4  |
| Not reported                                     | 8.7                | 2.2                   | 3.8                      | 1.8  | 15.8          | 12.9         | 4.7                      | 1.7        | 5.3     | 1.9                        | 1.8                      | 1.8                | 1.8   | 1.8                   | 1.8               | 1.8  |
| Not reported                                     | 2.7                | 1.3                   | 1.0                      | 2.2  | 3.3           | 2.6          | 3.6                      | 1.7        | 5.3     | 1.9                        | 1.8                      | 1.8                | 1.8   | 1.8                   | 1.8               | 1.8  |
| Q. 8--WEEKS SCHEDULED                            |                    |                       |                          |  |               |              |                          |            |         |                            |                          |                    |       |                       |                   |      |
| 1-4  | 1.2                | 1.2                   | 1.2                      | 2.0  | 13.4          | 20.1         | 20.4                     | 18.5       | 23.2    | 1.4                        | 1.9                      | 1.9                | 1.9   | 1.9                   | 1.9               | 1.9  |
| 5-9  | 3.6                | 9                     | 9                        | 1.5  | 4.6           | 5.7          | 6.5                      | 1.8        | 7.7     | 1.7                        | 2.2                      | 2.2                | 2.2   | 2.2                   | 2.2               | 2.2  |
| 10-14  | 3.6                | 1.1                   | 1.1                      | 1.3  | 2.9           | 3.9          | 5.2                      | 1.9        | 5.5     | 3.7                        | 2.7                      | 1.3                | 1.3   | 1.3                   | 1.3               | 1.3  |
| 15-19  | 3.6                | 1.1                   | 1.1                      | 1.3  | 3.4           | 4.7          | 10.3                     | 2.7        | 11.4    | 8.4                        | 3.7                      | 3.5                | 3.5   | 3.5                   | 3.5               | 3.5  |
| 20-24  | 17.9               | 12.8                  | 7.0                      | 14.6                                       | 13.3          | 14.5         | 24.7                     | 23.8       | 28.3    | 31.7                       | 17.4                     | 22.0               | 17.4  | 17.4                  | 17.4              | 17.4 |
| 25-29  | 21.9               | 24.6                  | 18.7                     | 25.0                                       | 19.3          | 16.1         | 17.1                     | 14.6       | 9.5     | 22.1                       | 27.2                     | 30.7               | 17.2  | 17.2                  | 17.2              | 17.2 |
| 30-34  | 14.5               | 12.6                  | 15.9                     | 25.0                                       | 9.1           | 12.9         | 6.4                      | 7.9        | 5.3     | 7.9                        | 12.3                     | 7.7                | 17.6  | 17.6                  | 17.6              | 17.6 |
| 35-39  | 9.2                | 9.1                   | 14.2                     | 20.4                                       | 5.7           | 5.0          | 3.6                      | 4.1        | 1.5     | 5.5                        | 7.0                      | 4.8                | 1.8   | 1.8                   | 1.8               | 1.8  |
| 40-44  | 2.0                | 2.6                   | 5.3                      | 1.8  | 1.3           | 2.1          | 1.8                      | 1.4        | 1.1     | 1.8                        | 2.5                      | 1.4                | 1.4   | 1.4                   | 1.4               | 1.4  |
| 45-49  | 8.1                | 10.1                  | 25.5                     | 7.0  | 10.0          | 7.1          | 1.8                      | 7.3        | 1.0     | 3.4                        | 7.8                      | 2.9                | 2.9   | 2.9                   | 2.9               | 2.9  |
| 50-54  | 7.5                | 12.8                  | 2.9                      | 5.2  | 9.9           | 5.3          | 1.5                      | 12.3       | 2.0     | 4.1                        | 5.8                      | 6.0                | 4.7   | 4.7                   | 4.7               | 4.7  |
| 55-59  | 2.8                | 2.5                   | 2.6                      | 1.4  | 5.1           | 4.3          | 1.5                      | 1.9        | 1.5     | 1.9                        | 1.8                      | 1.1                | 1.1   | 1.1                   | 1.1               | 1.1  |
| Not reported                                     | 2.8                | 2.5                   | 2.6                      | 1.4  | 5.1           | 4.3          | 1.5                      | 1.9        | 1.5     | 1.9                        | 1.8                      | 1.1                | 1.1   | 1.1                   | 1.1               | 1.1  |

[illegible]

Age 17 or over, not regular full-time students, were eligible for students, they may be included.

Age 17 or over, and regular attendance students, engaged in one or more activities of organized instruction in Spain, persons aged 17 and over were not issued with a certificate of attendance. If the students, they may be included.

NOTE.—Percent actual may not add to 100.0 because of rounding. Furthermore, for unduplicated counts for the adult education program, to make up a count may exceed 100.0 and low numbers, and numbers converted from percents across rows, may add to more than totals because a participant may have engaged in more than one activity. If the different activities were for different options within a question, the participant could have been tabulated for each option as appropriate. If a participant participated with more than one activity for the same option was tabulated only once for the option. (Additional 5% for questions 1 and 12 the percentage was not used as responding to more than one option for the same activity.) All data cells were independently tabulated so that a participant was counted only once in each cell. Thus an unduplicated count of people was obtained within a data cell and standard errors can be used.



Table 20. Reason for taking activity, by selected adult education aspects United States, year ending May 1963

| Selected adult education aspects<br>(1)                |  | Total participants<br>(2) | For general information<br>(3) | To improve or advance in job<br>(4) | To get a new job<br>(5) | For community activity<br>(6) | For persons or family interests<br>(7) | For persons at work<br>(8) | For persons not at work<br>(9) |
|--|--|---------------------------|--------------------------------|-------------------------------------|-------------------------|-------------------------------|--|----------------------------|--------------------------------|
| PARTICIPANT POPULATION (rounded in thousands)          |  |                           |                                |                                     |                         |                               |  |                            |                                |
|  |  | 13,041                    | 1,850                          | 7,898                               | 1,423                   | 342                           | 2,188                                  | 87.0                       | 13.0                           |
| Q 4--SPONSOR OR ADMINISTRATOR                          |  |                           |                                |                                     |                         |                               |  |                            |                                |
| Public grade school or high school institute . . . . . |  | 18.1                      | 22.5                           | 11.5                                | 9.1                     | 3.6                           | 9.0                                    | 5.0                        | 13.1                           |
| Public 2-year college or technical institute . . . . . |  | 11.9                      | 14.5                           | 11.5                                | 14.4                    | 1.7                           | 4.8                                    | 1.5                        | 13.4                           |
| Private vocational, trade or business school . . . . . |  | 11.5                      | 6.7                            | 11.0                                | 31.8                    | 1.9                           | 7.9                                    | 1.1                        | 12.6                           |
| Four-year college or university . . . . .              |  | 21.7                      | 19.5                           | 27.1                                | 16.4                    | 5.9                           | 8.7                                    | 1.1                        | 22.8                           |
| Employer . . . . .                                     |  | 17.4                      | 31.1                           | 34.3                                | 11.7                    | 1.8                           | 1.1                                    | 1.1                        | 18.5                           |
| Community organization . . . . .                       |  | 11.9                      | 12.0                           | 2.5                                 | 5.4                     | 10.9                          | 25.6                                   | 1.1                        | 12.0                           |
| Hospital . . . . .                                     |  | 1.7                       | 1.3                            | 1.1                                 | 4.4                     | 4.4                           | 5.5                                    | 1.1                        | 1.1                            |
| Other . . . . .  |  | 19.6                      | 17.8                           | 14.7                                | 14.9                    | 20.7                          | 24.4                                   | 1.1                        | 19.6                           |
| Not reported . . . . .                                 |  | 4                         | 2.2                            | 3                                   | 3                       | 4                             | 5                                      | 1                          | 4                              |
| Q 9--HOURS SPENT PER YEAR ON INSTRUCTION               |  |                           |                                |                                     |                         |                               |  |                            |                                |
| 0 (Correspondence)                                     |  | 5.9                       | 4.7                            | 6.4                                 | 9.4                     | 7                             | 3.7                                    | 1.4                        | 1.4                            |
| 1-4 . . . . .  |  | 4.2                       | 5.1                            | 3.4                                 | 1.8                     | 7                             | 7.0                                    | 4.9                        | 4.9                            |
| 5-9 . . . . .  |  | 8.2                       | 9.4                            | 6.5                                 | 2.2                     | 12.7                          | 14.5                                   | 13.1                       | 13.1                           |
| 10-14 . . . . .  |  | 9.1                       | 9.2                            | 6.5                                 | 3.8                     | 15.7                          | 14.5                                   | 13.9                       | 13.9                           |
| 15-19 . . . . .  |  | 9.1                       | 10.9                           | 7.7                                 | 3.8                     | 11.5                          | 10.7                                   | 11.3                       | 11.3                           |
| 20-29 . . . . .  |  | 15.7                      | 15.9                           | 14.4                                | 8.0                     | 13.4                          | 17.8                                   | 2.1                        | 17.8                           |
| 30-39 . . . . .  |  | 15.3                      | 14.9                           | 15.9                                | 10.6                    | 7.7                           | 13.3                                   | 11.7                       | 11.7                           |
| 40-49 . . . . .  |  | 27.5                      | 23.7                           | 28.8                                | 21.6                    | 17.7                          | 19.4                                   | 13.9                       | 13.9                           |
| 50-59 . . . . .  |  | 11.7                      | 6.7                            | 12.2                                | 15.4                    | 5.9                           | 8.9                                    | 1.9                        | 1.9                            |
| 60-69 . . . . .  |  | 3.4                       | 3.4                            | 5.7                                 | 16.9                    | 1.4                           | 2.0                                    | 1.5                        | 1.5                            |
| 70-79 . . . . .  |  | 3.4                       | 4.0                            | 2.6                                 | 9.7                     | 1.9                           | 1.9                                    | 1.1                        | 1.1                            |
| 80-89 . . . . .  |  | 4.0                       | 4.0                            | 1.0                                 | 4.0                     | 1.9                           | 3                                      | 1.1                        | 1.1                            |
| 90-99 . . . . .  |  | 1.2                       | 1.2                            | 1.0                                 | 3.4                     | 2.2                           | 4                                      | 1.1                        | 1.1                            |
| 100-1,439 . . . . .                                    |  | 1.3                       | 1.0                            | 1.0                                 | 3.2                     | 4                             | 4                                      | 1.1                        | 1.1                            |
| 1,440-9,998 . . . . .                                  |  | 1.0                       | 2.2                            | 3.2                                 | 3.2                     | 4                             | 2.3                                    | 1.1                        | 1.1                            |
| Not reported . . . . .                                 |  | 3.1                       | 2.6                            | 2.8                                 | 3.4                     | 2.7                           | 2.3                                    | 1.1                        | 1.1                            |
| HOW WORK   |  |                           |                                |                                     |                         |                               |  |                            |                                |
| 0 . . . . .  |  | 18.8                      | 20.4                           | 17.7                                | 13.8                    | 22.8                          | 18.8                                   | 12.7                       | 12.7                           |
| 1-4 . . . . .  |  | 5.6                       | 5.8                            | 4.9                                 | 1.1                     | 8.6                           | 5.8                                    | 7.3                        | 7.3                            |
| 5-9 . . . . .  |  | 6.7                       | 7.1                            | 4.3                                 | 2.9                     | 6.2                           | 7.7                                    | 4.9                        | 4.9                            |
| 10-14 . . . . .  |  | 8.0                       | 7.9                            | 7.4                                 | 7.4                     | 7.6                           | 8.7                                    | 3.4                        | 3.4                            |
| 15-19 . . . . .  |  | 4.3                       | 4.3                            | 4.5                                 | 3.1                     | 3.7                           | 3.1                                    | 3.4                        | 3.4                            |
| 20-29 . . . . .  |  | 9.6                       | 9.2                            | 9.8                                 | 7.7                     | 7.9                           | 8.7                                    | 3.4                        | 3.4                            |
| 30-39 . . . . .  |  | 7.9                       | 7.5                            | 8.7                                 | 5.6                     | 7.1                           | 6.7                                    | 3.4                        | 3.4                            |
| 40-49 . . . . .  |  | 16.8                      | 15.6                           | 16.7                                | 18.5                    | 10.7                          | 11.7                                   | 3.4                        | 3.4                            |
| 50-59 . . . . .  |  | 10.5                      | 7.1                            | 10.5                                | 15.0                    | 3.4                           | 7.7                                    | 3.4                        | 3.4                            |
| 60-69 . . . . .  |  | 4.7                       | 2.6                            | 4.5                                 | 9.7                     | 0                             | 2.7                                    | 3.4                        | 3.4                            |
| 70-79 . . . . .  |  | 1.8                       | 1.6                            | 1.4                                 | 5.1                     | 0                             | 1.3                                    | 3.4                        | 3.4                            |
| 80-89 . . . . .  |  | 1.4                       | 1.4                            | 1.4                                 | 5.1                     | 0                             | 1.3                                    | 3.4                        | 3.4                            |
| 90-99 . . . . .  |  | 1.4                       | 1.4                            | 1.4                                 | 5.1                     | 0                             | 1.3                                    | 3.4                        | 3.4                            |
| 100-1,439 . . . . .                                    |  | 1.2                       | 1.1                            | 1.2                                 | 7                       | 0                             | 3                                      | 3.4                        | 3.4                            |
| 1,440-9,998 . . . . .                                  |  | 1.1                       | 1.0                            | 1.1                                 | 2.2                     | 1.0                           | 0                                      | 3.4                        | 3.4                            |
| Not reported . . . . .                                 |  | 25.7                      | 22.7                           | 23.9                                | 20.4                    | 30.8                          | 27.7                                   | 34.0                       | 34.0                           |
| Q 10--COMPLETION                                       |  |                           |                                |                                     |                         |                               |  |                            |                                |
| Finished activity . . . . .                            |  | 69.5                      | 70.7                           | 74.1                                | 55.5                    | 80.4                          | 61.7                                   | 52.7                       | 52.7                           |
| Still taking activity . . . . .                        |  | 25.8                      | 20.3                           | 22.3                                | 34.9                    | 17.7                          | 27.0                                   | 28.1                       | 28.1                           |
| Dropped activity . . . . .                             |  | 9.1                       | 10.0                           | 5.8                                 | 11.2                    | 2.3                           | 11.9                                   | 11.3                       | 11.3                           |
| Not reported . . . . .                                 |  | 3.9                       | 3.0                            | 3.2                                 | 3.9                     | 1.2                           | 4.0                                    | 3.8                        | 3.8                            |

Q.12--PAYMENT\*

|                |      |      |      |      |      |      |      |      |      |
|----------------|------|------|------|------|------|------|------|------|------|
| Self or family | 57.2 | 60.7 | 42.1 | 64.5 | 26.9 | 72.2 | 86.3 | 61.7 | 46.9 |
| Employer       | 27.3 | 14.6 | 49.3 | 13.2 | 5.9  | 2.4  | 2.0  | 14.5 | 7.4  |
| Government     | 16.1 | 9.4  | 8.2  | 20.0 | 11.5 | 6.7  | 3.5  | 14.2 | 10.1 |
| Other          | 13.1 | 15.4 | 7.3  | 8.0  | 94.6 | 19.4 | 9.1  | 13.9 | 2.5  |
| Do not know    | 2.4  | 4.2  | 1.7  | 1.3  | 4.3  | 3.5  | 1.0  | 1.1  | 7.4  |
| Not reported   | 1.0  | 1.0  | 1.8  | .5   | 1.5  | .7   | .6   | 1.0  | 45.8 |

\* Age 17 or over, not regular full-time students, excluded in one of four activities of organized instruction. Since persons age 35 and over were not asked whether they were full-time students, they may be included.

NOTE.--Percent detail may not add to 100.0 because of rounding. Furthermore, for unduplicated counts for the adult education items, percentages up columns may exceed 100.0 and row numbers, and numbers converted from percents across rows, may add to more than totals because a participant may have engaged in more than one activity. If the different activities were for different options within a question, the participant could have been tabulated for each option as appropriate. However, a participant with more than one activity for the same option was tabulated only once for that option. (Additionally, for question 12 the participant was permitted to respond to more than one option for the same activity.) All data cells were independently tabulated so that a participant was counted only once in a data cell. Thus no duplicated count of people was obtained when a data cell, and standard errors can be used.

Table 21--Responsibility for education or activity, by selected adult education aspects, United States, 1960-61

| Selected adult education aspects                   | Total variable points | Q. 4--Sports or other activity |       |       |       |       |       | Community organization | H. school | Other | Source reported |
|--|-----------------------|--------------------------------|-------|-------|-------|-------|-------|------------------------|-----------|-------|-----------------|
|  |                       | (1)                            | (2)   | (3)   | (4)   | (5)   | (6)   |                        |           |       |                 |
| (1)  | (2)                   | (3)                            | (4)   | (5)   | (6)   | (7)   | (8)   | (9)                    | (10)      | (11)  |                 |
| PARTICIPANT POPULATION (in thousands)              |                       |                                |       |       |       |       |       |                        |           |       |                 |
|  | 1,041                 | 1,040                          | 1,040 | 1,040 | 1,040 | 2,274 | 1,040 | 1,040                  | 40        | 4     |                 |
| Percent of total, participant population           |                       |                                |       |       |       |       |       |                        |           |       |                 |
| Q. 1--ACTIVITY CATEGORY ASSIGNED BY CODER          |                       |                                |       |       |       |       |       |                        |           |       |                 |
| General education                                  |                       |                                |       |       |       |       |       |                        |           |       |                 |
| Adult, basic education                             | 24.1                  | 24.1                           | 24.1  | 24.1  | 24.1  | 24.1  | 24.1  | 24.1                   | 24.1      | 24.1  | 24.1            |
| Adult, basic education                             | 1.7                   | 1.7                            | 1.7   | 1.7   | 1.7   | 1.7   | 1.7   | 1.7                    | 1.7       | 1.7   | 1.7             |
| Adult, basic education                             | 4                     | 4                              | 4     | 4     | 4     | 4     | 4     | 4                      | 4         | 4     | 4               |
| High school & college courses                      | 24.1                  | 24.1                           | 24.1  | 24.1  | 24.1  | 24.1  | 24.1  | 24.1                   | 24.1      | 24.1  | 24.1            |
| Other general education                            | 2                     | 2                              | 2     | 2     | 2     | 2     | 2     | 2                      | 2         | 2     | 2               |
| Occupational training                              |                       |                                |       |       |       |       |       |                        |           |       |                 |
| Vocational & technical                             | 5.3                   | 5.3                            | 5.3   | 5.3   | 5.3   | 5.3   | 5.3   | 5.3                    | 5.3       | 5.3   | 5.3             |
| Managerial & proprietary                           | 10.3                  | 10.3                           | 10.3  | 10.3  | 10.3  | 10.3  | 10.3  | 10.3                   | 10.3      | 10.3  | 10.3            |
| Professional                                       | 11.7                  | 11.7                           | 11.7  | 11.7  | 11.7  | 11.7  | 11.7  | 11.7                   | 11.7      | 11.7  | 11.7            |
| Other occupational training                        | 10.7                  | 10.7                           | 10.7  | 10.7  | 10.7  | 10.7  | 10.7  | 10.7                   | 10.7      | 10.7  | 10.7            |
| Community issues                                   |                       |                                |       |       |       |       |       |                        |           |       |                 |
| Civic & public affairs                             | 2.7                   | 2.7                            | 2.7   | 2.7   | 2.7   | 2.7   | 2.7   | 2.7                    | 2.7       | 2.7   | 2.7             |
| Religion   | 3.7                   | 3.7                            | 3.7   | 3.7   | 3.7   | 3.7   | 3.7   | 3.7                    | 3.7       | 3.7   | 3.7             |
| Safety & survival                                  | 3                     | 3                              | 3     | 3     | 3     | 3     | 3     | 3                      | 3         | 3     | 3               |
| Other community issues                             | 0                     | 0                              | 0     | 0     | 0     | 0     | 0     | 0                      | 0         | 0     | 0               |
| Personal & family living                           |                       |                                |       |       |       |       |       |                        |           |       |                 |
| Home & family living                               | 11.9                  | 11.9                           | 11.9  | 11.9  | 11.9  | 11.9  | 11.9  | 11.9                   | 11.9      | 11.9  | 11.9            |
| Personal development                               | 7.1                   | 7.1                            | 7.1   | 7.1   | 7.1   | 7.1   | 7.1   | 7.1                    | 7.1       | 7.1   | 7.1             |
| Other personal & family living                     | 7.0                   | 7.0                            | 7.0   | 7.0   | 7.0   | 7.0   | 7.0   | 7.0                    | 7.0       | 7.0   | 7.0             |
| Social & recreational lessons                      |                       |                                |       |       |       |       |       |                        |           |       |                 |
| Hobbies & handicrafts                              | 11.5                  | 11.5                           | 11.5  | 11.5  | 11.5  | 11.5  | 11.5  | 11.5                   | 11.5      | 11.5  | 11.5            |
| Group recreational lessons                         | 8.5                   | 8.5                            | 8.5   | 8.5   | 8.5   | 8.5   | 8.5   | 8.5                    | 8.5       | 8.5   | 8.5             |
| Sports lessons                                     | 1.1                   | 1.1                            | 1.1   | 1.1   | 1.1   | 1.1   | 1.1   | 1.1                    | 1.1       | 1.1   | 1.1             |
| Other social & recreational lessons                | 2.1                   | 2.1                            | 2.1   | 2.1   | 2.1   | 2.1   | 2.1   | 2.1                    | 2.1       | 2.1   | 2.1             |
| Miscellaneous & not reported                       |                       |                                |       |       |       |       |       |                        |           |       |                 |
| For general information                            | 14.2                  | 14.2                           | 14.2  | 14.2  | 14.2  | 14.2  | 14.2  | 14.2                   | 14.2      | 14.2  | 14.2            |
| To improve or advance in job                       | 45.2                  | 45.2                           | 45.2  | 45.2  | 45.2  | 45.2  | 45.2  | 45.2                   | 45.2      | 45.2  | 45.2            |
| To get a new job                                   | 10.9                  | 10.9                           | 10.9  | 10.9  | 10.9  | 10.9  | 10.9  | 10.9                   | 10.9      | 10.9  | 10.9            |
| For community activity                             | 2.0                   | 2.0                            | 2.0   | 2.0   | 2.0   | 2.0   | 2.0   | 2.0                    | 2.0       | 2.0   | 2.0             |
| For personal or family interests                   | 19.8                  | 19.8                           | 19.8  | 19.8  | 19.8  | 19.8  | 19.8  | 19.8                   | 19.8      | 19.8  | 19.8            |
| For social or recreational reasons                 | 1.7                   | 1.7                            | 1.7   | 1.7   | 1.7   | 1.7   | 1.7   | 1.7                    | 1.7       | 1.7   | 1.7             |
| Other  | 9.7                   | 9.7                            | 9.7   | 9.7   | 9.7   | 9.7   | 9.7   | 9.7                    | 9.7       | 9.7   | 9.7             |
| Not reported                                       | 1.4                   | 1.4                            | 1.4   | 1.4   | 1.4   | 1.4   | 1.4   | 1.4                    | 1.4       | 1.4   | 1.4             |
| Type of new job preparation (numbers in thousands) | 1,423                 | 130                            | 205   | 205   | 205   | 205   | 205   | 205                    | 205       | 205   | 205             |
| Percent of total, new job preparation only         |                       |                                |       |       |       |       |       |                        |           |       |                 |
| Engineer   | 0                     | 0                              | 0     | 0     | 0     | 0     | 0     | 0                      | 0         | 0     | 0               |
| Medical/health                                     | 2.7                   | 2.7                            | 2.7   | 2.7   | 2.7   | 2.7   | 2.7   | 2.7                    | 2.7       | 2.7   | 2.7             |
| Teacher  | 6.6                   | 6.6                            | 6.6   | 6.6   | 6.6   | 6.6   | 6.6   | 6.6                    | 6.6       | 6.6   | 6.6             |
| Other professional                                 | 15                    | 15                             | 15    | 15    | 15    | 15    | 15    | 15                     | 15        | 15    | 15              |

[illegible]

Notes at end of table.

Table 21--Sponsor or administrator of activity, by selected adult education aspects: United States, year ending May 1969 (Continued)

| Selected education aspects         | Total participants | Q. 4--Sponsor or administrator                   |   |                                     |              |                            |              |           |     |     |      | Sponsor not reported |
|------------------------------------|--------------------|--|---|-------------------------------------|--------------|----------------------------|--------------|-----------|-----|-----|------|----------------------|
|                                    |                    | Public 2-year college or technical institute (1) | Private vocational, trade, or business school (2) | Four-year college or university (3) | Employer (4) | Community organization (5) | Hospital (6) | Other (7) | (8) | (9) | (10) |                      |
| PARTICIPANT POPULATION (thousands) | 3,041              | 1,970  | 1,004   | 2,831                               | 2,274        | 1,554                      | 2,313        | 40        | 54  |     |      |                      |

Percent of total, participant population

Q. 9--FOURSPENT PERCENTAGE ON

| Instruction | 0 (Current) | 1-4 | 5-9 | 10-14 | 15-19 | 20-29 | 30-39 | 40-49 | 50-59 | 60-69 | 70-79 | 80-89 | 90-99 | 1,000-1,499 | 1,500-1,999 | 2,000-2,499 | 2,500-2,999 | 3,000-3,499 | 3,500-3,999 | 4,000-4,499 | 4,500-4,999 | 5,000-5,499 | 5,500-5,999 | 6,000-6,499 | 6,500-6,999 | 7,000-7,499 | 7,500-7,999 | 8,000-8,499 | 8,500-8,999 | 9,000-9,499 | 9,500-9,999 | 10,000-10,499 | 10,500-10,999 | 11,000-11,499 | 11,500-11,999 | 12,000-12,499 | 12,500-12,999 | 13,000-13,499 | 13,500-13,999 | 14,000-14,499 | 14,500-14,999 | 15,000-15,499 | 15,500-15,999 | 16,000-16,499 | 16,500-16,999 | 17,000-17,499 | 17,500-17,999 | 18,000-18,499 | 18,500-18,999 | 19,000-19,499 | 19,500-19,999 | 20,000-20,499 | 20,500-20,999 | 21,000-21,499 | 21,500-21,999 | 22,000-22,499 | 22,500-22,999 | 23,000-23,499 | 23,500-23,999 | 24,000-24,499 | 24,500-24,999 | 25,000-25,499 | 25,500-25,999 | 26,000-26,499 | 26,500-26,999 | 27,000-27,499 | 27,500-27,999 | 28,000-28,499 | 28,500-28,999 | 29,000-29,499 | 29,500-29,999 | 30,000-30,499 | 30,500-30,999 | 31,000-31,499 | 31,500-31,999 | 32,000-32,499 | 32,500-32,999 | 33,000-33,499 | 33,500-33,999 | 34,000-34,499 | 34,500-34,999 | 35,000-35,499 | 35,500-35,999 | 36,000-36,499 | 36,500-36,999 | 37,000-37,499 | 37,500-37,999 | 38,000-38,499 | 38,500-38,999 | 39,000-39,499 | 39,500-39,999 | 40,000-40,499 | 40,500-40,999 | 41,000-41,499 | 41,500-41,999 | 42,000-42,499 | 42,500-42,999 | 43,000-43,499 | 43,500-43,999 | 44,000-44,499 | 44,500-44,999 | 45,000-45,499 | 45,500-45,999 | 46,000-46,499 | 46,500-46,999 | 47,000-47,499 | 47,500-47,999 | 48,000-48,499 | 48,500-48,999 | 49,000-49,499 | 49,500-49,999 | 50,000-50,499 | 50,500-50,999 | 51,000-51,499 | 51,500-51,999 | 52,000-52,499 | 52,500-52,999 | 53,000-53,499 | 53,500-53,999 | 54,000-54,499 | 54,500-54,999 | 55,000-55,499 | 55,500-55,999 | 56,000-56,499 | 56,500-56,999 | 57,000-57,499 | 57,500-57,999 | 58,000-58,499 | 58,500-58,999 | 59,000-59,499 | 59,500-59,999 | 60,000-60,499 | 60,500-60,999 | 61,000-61,499 | 61,500-61,999 | 62,000-62,499 | 62,500-62,999 | 63,000-63,499 | 63,500-63,999 | 64,000-64,499 | 64,500-64,999 | 65,000-65,499 | 65,500-65,999 | 66,000-66,499 | 66,500-66,999 | 67,000-67,499 | 67,500-67,999 | 68,000-68,499 | 68,500-68,999 | 69,000-69,499 | 69,500-69,999 | 70,000-70,499 | 70,500-70,999 | 71,000-71,499 | 71,500-71,999 | 72,000-72,499 | 72,500-72,999 | 73,000-73,499 | 73,500-73,999 | 74,000-74,499 | 74,500-74,999 | 75,000-75,499 | 75,500-75,999 | 76,000-76,499 | 76,500-76,999 | 77,000-77,499 | 77,500-77,999 | 78,000-78,499 | 78,500-78,999 | 79,000-79,499 | 79,500-79,999 | 80,000-80,499 | 80,500-80,999 | 81,000-81,499 | 81,500-81,999 | 82,000-82,499 | 82,500-82,999 | 83,000-83,499 | 83,500-83,999 | 84,000-84,499 | 84,500-84,999 | 85,000-85,499 | 85,500-85,999 | 86,000-86,499 | 86,500-86,999 | 87,000-87,499 | 87,500-87,999 | 88,000-88,499 | 88,500-88,999 | 89,000-89,499 | 89,500-89,999 | 90,000-90,499 | 90,500-90,999 | 91,000-91,499 | 91,500-91,999 | 92,000-92,499 | 92,500-92,999 | 93,000-93,499 | 93,500-93,999 | 94,000-94,499 | 94,500-94,999 | 95,000-95,499 | 95,500-95,999 | 96,000-96,499 | 96,500-96,999 | 97,000-97,499 | 97,500-97,999 | 98,000-98,499 | 98,500-98,999 | 99,000-99,499 | 99,500-99,999 | 100,000-100,499 | 100,500-100,999 | 101,000-101,499 | 101,500-101,999 | 102,000-102,499 | 102,500-102,999 | 103,000-103,499 | 103,500-103,999 | 104,000-104,499 | 104,500-104,999 | 105,000-105,499 | 105,500-105,999 | 106,000-106,499 | 106,500-106,999 | 107,000-107,499 | 107,500-107,999 | 108,000-108,499 | 108,500-108,999 | 109,000-109,499 | 109,500-109,999 | 110,000-110,499 | 110,500-110,999 | 111,000-111,499 | 111,500-111,999 | 112,000-112,499 | 112,500-112,999 | 113,000-113,499 | 113,500-113,999 | 114,000-114,499 | 114,500-114,999 | 115,000-115,499 | 115,500-115,999 | 116,000-116,499 | 116,500-116,999 | 117,000-117,499 | 117,500-117,999 | 118,000-118,499 | 118,500-118,999 | 119,000-119,499 | 119,500-119,999 | 120,000-120,499 | 120,500-120,999 | 121,000-121,499 | 121,500-121,999 | 122,000-122,499 | 122,500-122,999 | 123,000-123,499 | 123,500-123,999 | 124,000-124,499 | 124,500-124,999 | 125,000-125,499 | 125,500-125,999 | 126,000-126,499 | 126,500-126,999 | 127,000-127,499 | 127,500-127,999 | 128,000-128,499 | 128,500-128,999 | 129,000-129,499 | 129,500-129,999 | 130,000-130,499 | 130,500-130,999 | 131,000-131,499 | 131,500-131,999 | 132,000-132,499 | 132,500-132,999 | 133,000-133,499 | 133,500-133,999 | 134,000-134,499 | 134,500-134,999 | 135,000-135,499 | 135,500-135,999 | 136,000-136,499 | 136,500-136,999 | 137,000-137,499 | 137,500-137,999 | 138,000-138,499 | 138,500-138,999 | 139,000-139,499 | 139,500-139,999 | 140,000-140,499 | 140,500-140,999 | 141,000-141,499 | 141,500-141,999 | 142,000-142,499 | 142,500-142,999 | 143,000-143,499 | 143,500-143,999 | 144,000-144,499 | 144,500-144,999 | 145,000-145,499 | 145,500-145,999 | 146,000-146,499 | 146,500-146,999 | 147,000-147,499 | 147,500-147,999 | 148,000-148,499 | 148,500-148,999 | 149,000-149,499 | 149,500-149,999 | 150,000-150,499 | 150,500-150,999 | 151,000-151,499 | 151,500-151,999 | 152,000-152,499 | 152,500-152,999 | 153,000-153,499 | 153,500-153,999 | 154,000-154,499 | 154,500-154,999 | 155,000-155,499 | 155,500-155,999 | 156,000-156,499 | 156,500-156,999 | 157,000-157,499 | 157,500-157,999 | 158,000-158,499 | 158,500-158,999 | 159,000-159,499 | 159,500-159,999 | 160,000-160,499 | 160,500-160,999 | 161,000-161,499 | 161,500-161,999 | 162,000-162,499 | 162,500-162,999 | 163,000-163,499 | 163,500-163,999 | 164,000-164,499 | 164,500-164,999 | 165,000-165,499 | 165,500-165,999 | 166,000-166,499 | 166,500-166,999 | 167,000-167,499 | 167,500-167,999 | 168,000-168,499 | 168,500-168,999 | 169,000-169,499 | 169,500-169,999 | 170,000-170,499 | 170,500-170,999 | 171,000-171,499 | 171,500-171,999 | 172,000-172,499 | 172,500-172,999 | 173,000-173,499 | 173,500-173,999 | 174,000-174,499 | 174,500-174,999 | 175,000-175,499 | 175,500-175,999 | 176,000-176,499 | 176,500-176,999 | 177,000-177,499 | 177,500-177,999 | 178,000-178,499 | 178,500-178,999 | 179,000-179,499 | 179,500-179,999 | 180,000-180,499 | 180,500-180,999 | 181,000-181,499 | 181,500-181,999 | 182,000-182,499 | 182,500-182,999 | 183,000-183,499 | 183,500-183,999 | 184,000-184,499 | 184,500-184,999 | 185,000-185,499 | 185,500-185,999 | 186,000-186,499 | 186,500-186,999 | 187,000-187,499 | 187,500-187,999 | 188,000-188,499 | 188,500-188,999 | 189,000-189,499 | 189,500-189,999 | 190,000-190,499 | 190,500-190,999 | 191,000-191,499 | 191,500-191,999 | 192,000-192,499 | 192,500-192,999 | 193,000-193,499 | 193,500-193,999 | 194,000-194,499 | 194,500-194,999 | 195,000-195,499 | 195,500-195,999 | 196,000-196,499 | 196,500-196,999 | 197,000-197,499 | 197,500-197,999 | 198,000-198,499 | 198,500-198,999 | 199,000-199,499 | 199,500-199,999 | 200,000-200,499 | 200,500-200,999 | 201,000-201,499 | 201,500-201,999 | 202,000-202,499 | 202,500-202,999 | 203,000-203,499 | 203,500-203,999 | 204,000-204,499 | 204,500-204,999 | 205,000-205,499 | 205,500-205,999 | 206,000-206,499 | 206,500-206,999 | 207,000-207,499 | 207,500-207,999 | 208,000-208,499 | 208,500-208,999 | 209,000-209,499 | 209,500-209,999 | 210,000-210,499 | 210,500-210,999 | 211,000-211,499 | 211,500-211,999 | 212,000-212,499 | 212,500-212,999 | 213,000-213,499 | 213,500-213,999 | 214,000-214,499 | 214,500-214,999 | 215,000-215,499 | 215,500-215,999 | 216,000-216,499 | 216,500-216,999 | 217,000-217,499 | 217,500-217,999 | 218,000-218,499 | 218,500-218,999 | 219,000-219,499 | 219,500-219,999 | 220,000-220,499 | 220,500-220,999 | 221,000-221,499 | 221,500-221,999 | 222,000-222,499 | 222,500-222,999 | 223,000-223,499 | 223,500-223,999 | 224,000-224,499 | 224,500-224,999 | 225,000-225,499 | 225,500-225,999 | 226,000-226,499 | 226,500-226,999 | 227,000-227,499 | 227,500-227,999 | 228,000-228,499 | 228,500-228,999 | 229,000-229,499 | 229,500-229,999 | 230,000-230,499 | 230,500-230,999 | 231,000-231,499 | 231,500-231,999 | 232,000-232,499 | 232,500-232,999 | 233,000-233,499 | 233,500-233,999 | 234,000-234,499 | 234,500-234,999 | 235,000-235,499 | 235,500-235,999 | 236,000-236,499 | 236,500-236,999 | 237,000-237,499 | 237,500-237,999 | 238,000-238,499 | 238,500-238,999 | 239,000-239,499 | 239,500-239,999 | 240,000-240,499 | 240,500-240,999 | 241,000-241,499 | 241,500-241,999 | 242,000-242,499 | 242,500-242,999 | 243,000-243,499 | 243,500-243,999 | 244,000-244,499 | 244,500-244,999 | 245,000-245,499 | 245,500-245,999 | 246,000-246,499 | 246,500-246,999 | 247,000-247,499 | 247,500-247,999 | 248,000-248,499 | 248,500-248,999 | 249,000-249,499 | 249,500-249,999 | 250,000-250,499 | 250,500-250,999 | 251,000-251,499 | 251,500-251,999 | 252,000-252,499 | 252,500-252,999 | 253,000-253,499 | 253,500-253,999 | 254,000-254,499 | 254,500-254,999 | 255,000-255,499 | 255,500-255,999 | 256,000-256,499 | 256,500-256,999 | 257,000-257,499 | 257,500-257,999 | 258,000-258,499 | 258,500-258,999 | 259,000-259,499 | 259,500-259,999 | 260,000-260,499 | 260,500-260,999 | 261,000-261,499 | 261,500-261,999 | 262,000-262,499 | 262,500-262,999 | 263,000-263,499 | 263,500-263,999 | 264,000-264,499 | 264,500-264,999 | 265,000-265,499 | 265,500-265,999 | 266,000-266,499 | 266,500-266,999 | 267,000-267,499 | 267,500-267,999 | 268,000-268,499 | 268,500-268,999 | 269,000-269,499 | 269,500-269,999 | 270,000-270,499 | 270,500-270,999 | 271,000-271,499 | 271,500-271,999 | 272,000-272,499 | 272,500-272,999 | 273,000-273,499 | 273,500-273,999 | 274,000-274,499 | 274,500-274,999 | 275,000-275,499 | 275,500-275,999 | 276,000-276,499 | 276,500-276,999 | 277,000-277,499 | 277,500-277,999 | 278,000-278,499 | 278,500-278,999 | 279,000-279,499 | 279,500-279,999 | 280,000-280,499 | 280,500-280,999 | 281,000-281,499 | 281,500-281,999 | 282,000-282,499 | 282,500-282,999 | 283,000-283,499 | 283,500-283,999 | 284,000-284,499 | 284,500-284,999 | 285,000-285,499 | 285, |
|-------------|-------------|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------|
|-------------|-------------|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------|

Q.12--PAYMENT

Self-employed  
Employed  
Government  
Other  
Do not know  
Not reported

|               | 57-2 | 57-3 | 57-4 | 57-5 | 57-6 | 57-7 | 57-8 | 57-9 | 57-10 | 57-11 | 57-12 | 57-13 | 57-14 | 57-15 | 57-16 | 57-17 | 57-18 | 57-19 | 57-20 | 57-21 | 57-22 | 57-23 | 57-24 | 57-25 | 57-26 | 57-27 | 57-28 | 57-29 | 57-30 | 57-31 | 57-32 | 57-33 | 57-34 | 57-35 | 57-36 | 57-37 | 57-38 | 57-39 | 57-40 | 57-41 | 57-42 | 57-43 | 57-44 | 57-45 | 57-46 | 57-47 | 57-48 | 57-49 | 57-50 | 57-51 | 57-52 | 57-53 | 57-54 | 57-55 | 57-56 | 57-57 | 57-58 | 57-59 | 57-60 | 57-61 | 57-62 | 57-63 | 57-64 | 57-65 | 57-66 | 57-67 | 57-68 | 57-69 | 57-70 | 57-71 | 57-72 | 57-73 | 57-74 | 57-75 | 57-76 | 57-77 | 57-78 | 57-79 | 57-80 | 57-81 | 57-82 | 57-83 | 57-84 | 57-85 | 57-86 | 57-87 | 57-88 | 57-89 | 57-90 | 57-91 | 57-92 | 57-93 | 57-94 | 57-95 | 57-96 | 57-97 | 57-98 | 57-99 | 57-100 |
|---------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Self-employed | 2.2  | 2.3  | 2.4  | 2.5  | 2.6  | 2.7  | 2.8  | 2.9  | 3.0   | 3.1   | 3.2   | 3.3   | 3.4   | 3.5   | 3.6   | 3.7   | 3.8   | 3.9   | 4.0   | 4.1   | 4.2   | 4.3   | 4.4   | 4.5   | 4.6   | 4.7   | 4.8   | 4.9   | 5.0   | 5.1   | 5.2   | 5.3   | 5.4   | 5.5   | 5.6   | 5.7   | 5.8   | 5.9   | 6.0   | 6.1   | 6.2   | 6.3   | 6.4   | 6.5   | 6.6   | 6.7   | 6.8   | 6.9   | 7.0   | 7.1   | 7.2   | 7.3   | 7.4   | 7.5   | 7.6   | 7.7   | 7.8   | 7.9   | 8.0   | 8.1   | 8.2   | 8.3   | 8.4   | 8.5   | 8.6   | 8.7   | 8.8   | 8.9   | 9.0   | 9.1   | 9.2   | 9.3   | 9.4   | 9.5   | 9.6   | 9.7   | 9.8   | 9.9   | 10.0  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |
| Employed      | 2.2  | 2.3  | 2.4  | 2.5  | 2.6  | 2.7  | 2.8  | 2.9  | 3.0   | 3.1   | 3.2   | 3.3   | 3.4   | 3.5   | 3.6   | 3.7   | 3.8   | 3.9   | 4.0   | 4.1   | 4.2   | 4.3   | 4.4   | 4.5   | 4.6   | 4.7   | 4.8   | 4.9   | 5.0   | 5.1   | 5.2   | 5.3   | 5.4   | 5.5   | 5.6   | 5.7   | 5.8   | 5.9   | 6.0   | 6.1   | 6.2   | 6.3   | 6.4   | 6.5   | 6.6   | 6.7   | 6.8   | 6.9   | 7.0   | 7.1   | 7.2   | 7.3   | 7.4   | 7.5   | 7.6   | 7.7   | 7.8   | 7.9   | 8.0   | 8.1   | 8.2   | 8.3   | 8.4   | 8.5   | 8.6   | 8.7   | 8.8   | 8.9   | 9.0   | 9.1   | 9.2   | 9.3   | 9.4   | 9.5   | 9.6   | 9.7   | 9.8   | 9.9   | 10.0  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |
| Government    | 2.2  | 2.3  | 2.4  | 2.5  | 2.6  | 2.7  | 2.8  | 2.9  | 3.0   | 3.1   | 3.2   | 3.3   | 3.4   | 3.5   | 3.6   | 3.7   | 3.8   | 3.9   | 4.0   | 4.1   | 4.2   | 4.3   | 4.4   | 4.5   | 4.6   | 4.7   | 4.8   | 4.9   | 5.0   | 5.1   | 5.2   | 5.3   | 5.4   | 5.5   | 5.6   | 5.7   | 5.8   | 5.9   | 6.0   | 6.1   | 6.2   | 6.3   | 6.4   | 6.5   | 6.6   | 6.7   | 6.8   | 6.9   | 7.0   | 7.1   | 7.2   | 7.3   | 7.4   | 7.5   | 7.6   | 7.7   | 7.8   | 7.9   | 8.0   | 8.1   | 8.2   | 8.3   | 8.4   | 8.5   | 8.6   | 8.7   | 8.8   | 8.9   | 9.0   | 9.1   | 9.2   | 9.3   | 9.4   | 9.5   | 9.6   | 9.7   | 9.8   | 9.9   | 10.0  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |
| Other         | 2.2  | 2.3  | 2.4  | 2.5  | 2.6  | 2.7  | 2.8  | 2.9  | 3.0   | 3.1   | 3.2   | 3.3   | 3.4   | 3.5   | 3.6   | 3.7   | 3.8   | 3.9   | 4.0   | 4.1   | 4.2   | 4.3   | 4.4   | 4.5   | 4.6   | 4.7   | 4.8   | 4.9   | 5.0   | 5.1   | 5.2   | 5.3   | 5.4   | 5.5   | 5.6   | 5.7   | 5.8   | 5.9   | 6.0   | 6.1   | 6.2   | 6.3   | 6.4   | 6.5   | 6.6   | 6.7   | 6.8   | 6.9   | 7.0   | 7.1   | 7.2   | 7.3   | 7.4   | 7.5   | 7.6   | 7.7   | 7.8   | 7.9   | 8.0   | 8.1   | 8.2   | 8.3   | 8.4   | 8.5   | 8.6   | 8.7   | 8.8   | 8.9   | 9.0   | 9.1   | 9.2   | 9.3   | 9.4   | 9.5   | 9.6   | 9.7   | 9.8   | 9.9   | 10.0  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |
| Do not know   | 2.2  | 2.3  | 2.4  | 2.5  | 2.6  | 2.7  | 2.8  | 2.9  | 3.0   | 3.1   | 3.2   | 3.3   | 3.4   | 3.5   | 3.6   | 3.7   | 3.8   | 3.9   | 4.0   | 4.1   | 4.2   | 4.3   | 4.4   | 4.5   | 4.6   | 4.7   | 4.8   | 4.9   | 5.0   | 5.1   | 5.2   | 5.3   | 5.4   | 5.5   | 5.6   | 5.7   | 5.8   | 5.9   | 6.0   | 6.1   | 6.2   | 6.3   | 6.4   | 6.5   | 6.6   | 6.7   | 6.8   | 6.9   | 7.0   | 7.1   | 7.2   | 7.3   | 7.4   | 7.5   | 7.6   | 7.7   | 7.8   | 7.9   | 8.0   | 8.1   | 8.2   | 8.3   | 8.4   | 8.5   | 8.6   | 8.7   | 8.8   | 8.9   | 9.0   | 9.1   | 9.2   | 9.3   | 9.4   | 9.5   | 9.6   | 9.7   | 9.8   | 9.9   | 10.0  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |
| Not reported  | 2.2  | 2.3  | 2.4  | 2.5  | 2.6  | 2.7  | 2.8  | 2.9  | 3.0   | 3.1   | 3.2   | 3.3   | 3.4   | 3.5   | 3.6   | 3.7   | 3.8   | 3.9   | 4.0   | 4.1   | 4.2   | 4.3   | 4.4   | 4.5   | 4.6   | 4.7   | 4.8   | 4.9   | 5.0   | 5.1   | 5.2   | 5.3   | 5.4   | 5.5   | 5.6   | 5.7   | 5.8   | 5.9   | 6.0   | 6.1   | 6.2   | 6.3   | 6.4   | 6.5   | 6.6   | 6.7   | 6.8   | 6.9   | 7.0   | 7.1   | 7.2   | 7.3   | 7.4   | 7.5   | 7.6   | 7.7   | 7.8   | 7.9   | 8.0   | 8.1   | 8.2   | 8.3   | 8.4   | 8.5   | 8.6   | 8.7   | 8.8   | 8.9   | 9.0   | 9.1   | 9.2   | 9.3   | 9.4   | 9.5   | 9.6   | 9.7   | 9.8   | 9.9   | 10.0  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |

NOTE: If a respondent reported regular full-time status, they were asked to report their usual work schedule. If a respondent reported part-time status, they were asked to report their usual work schedule. If a respondent reported self-employed status, they were asked to report their usual work schedule. If a respondent reported government status, they were asked to report their usual work schedule. If a respondent reported other status, they were asked to report their usual work schedule. If a respondent reported do not know status, they were asked to report their usual work schedule. If a respondent reported not reported status, they were asked to report their usual work schedule.

NOTE: If a respondent reported regular full-time status, they were asked to report their usual work schedule. If a respondent reported part-time status, they were asked to report their usual work schedule. If a respondent reported self-employed status, they were asked to report their usual work schedule. If a respondent reported government status, they were asked to report their usual work schedule. If a respondent reported other status, they were asked to report their usual work schedule. If a respondent reported do not know status, they were asked to report their usual work schedule. If a respondent reported not reported status, they were asked to report their usual work schedule.

Table 22. -- Facility used for activity, by selected adult education aspects:  
United States, year ending May 1969

| Selected<br>adult education<br>aspects<br><br>(1) | Total<br>partici-<br>pants <sup>1</sup><br><br>(2) | Q. 5--Facility                          |                            |               |                         |                        |              | Facility<br>not<br>reported<br><br>(9) |
|---|--|---|----------------------------|---------------|-------------------------|------------------------|--------------|--|
|   |  | School or<br>college<br>building<br>(3) | Community<br>center<br>(4) | Church<br>(5) | Place<br>of work<br>(6) | Private<br>home<br>(7) | Other<br>(8) |  |
| PARTICIPANT POPULATION                            |  |   |                            |               |                         |                        |              |  |
| (total numbers in thousands)                      | 13,041   | 7,434                                   | 724                        | 685           | 1,560                   | 1,429                  | 2,299        | 88                                     |
| Percent of total, participant population          |  |   |                            |               |                         |                        |              |  |
| Q. 6--METHOD OF INSTRUCTION:                      |  |   |                            |               |                         |                        |              |  |
| Lecture or class . . . . .                        | 73.5   | 86.4                                    | 68.1                       | 72.7          | 65.2                    | 8.7                    | 65.3         | 40.2                                   |
| Workshop or discussion group . . . . .            | 33.5   | 30.2                                    | 43.6                       | 52.0          | 33.0                    | 13.0                   | 41.0         | 15.6                                   |
| Individual instruction . . . . .                  | 13.2   | 8.6                                     | 13.3                       | 7.0           | 14.2                    | 20.5                   | 19.8         | 7.4                                    |
| Organized training on the job . . . . .           | 7.0  | 3.3                                     | 3.5                        | 1.8           | 29.5                    | 1.5                    | 6.9          | 4.3                                    |
| Correspondence . . . . .                          | 8.5  | .4                                      | .2                         | .2            | 3.0                     | 60.8                   | 7.0          | 2.7                                    |
| Television or radio . . . . .                     | .6   | .4                                      | .9                         | .5            | .6                      | 1.2                    | .8           | .0                                     |
| Other . . . . .                                   | 3.8  | 2.7                                     | 4.8                        | 2.3           | 2.1                     | 4.2                    | 6.9          | 7.7                                    |
| Not reported . . . . .                            | .7   | .3                                      | .8                         | .4            | .2                      | .5                     | .8           | 35.0                                   |
| Q. 11--CREDIT:                                    |  |   |                            |               |                         |                        |              |  |
| No credit . . . . .                               | 56.1   | 43.3                                    | 81.0                       | 84.5          | 67.5                    | 56.0                   | 68.7         | 36.1                                   |
| 8th-grade certificate . . . . .                   | .3   | .5                                      | .4                         | .0            | .2                      | .0                     | .2           | .0                                     |
| High school completion . . . . .                  | 4.2  | 5.3                                     | 3.1                        | 1.0           | 1.2                     | 5.6                    | 1.2          | 1.5                                    |
| Skill certificate or license . . . . .            | 19.1   | 16.8                                    | 12.3                       | 5.3           | 23.0                    | 25.8                   | 20.2         | 14.1                                   |
| College degree . . . . .                          | 20.3   | 33.1                                    | 1.8                        | 1.2           | 2.2                     | 7.3                    | 3.7          | 23.5                                   |
| Other credit . . . . .                            | 6.0  | 5.0                                     | 1.9                        | 7.5           | 8.1                     | 5.9                    | 7.0          | 4.1                                    |
| Not reported . . . . .                            | 1.0  | .9                                      | .9                         | .7            | .6                      | .7                     | .8           | 27.2                                   |
| Q. 12--PAYMENT:                                   |  |   |                            |               |                         |                        |              |  |
| Self or family . . . . .                          | 57.2   | 67.8                                    | 57.2                       | 36.9          | 8.1                     | 68.1                   | 45.3         | 46.1                                   |
| Employer . . . . .                                | 27.3   | 17.0                                    | 12.4                       | 2.7           | 84.5                    | 15.7                   | 35.0         | 19.4                                   |
| Government . . . . .                              | 10.1   | 11.0                                    | 9.8                        | 2.7           | 3.7                     | 12.1                   | 8.6          | 4.1                                    |
| Other . . . . .                                   | 13.1   | 9.4                                     | 19.5                       | 57.1          | 5.9                     | 8.5                    | 14.9         | 9.4                                    |
| Do not know . . . . .                             | 2.4  | 2.2                                     | 5.9                        | 4.5           | 1.4                     | .7                     | 2.1          | .0                                     |
| Not reported . . . . .                            | 1.0  | 1.0                                     | .5                         | .7            | .7                      | .4                     | .5           | 26.0                                   |

<sup>1</sup> Age 17 or over, not regular full-time students, engaged in one or more activities of organized instruction. Since persons age 15 and over were not asked whether they were full-time students, they may be included.

NOTE. --Percent detail may not add to 100.0 because of rounding. Furthermore, for unduplicated counts for the adult education items, percentages up columns may exceed 100.0 and row numbers, and numbers converted from percents across rows, may add to more than totals because a participant may have engaged in more than one activity. If the different activities were for different options within a question, the participant could have been tabulated for each option as appropriate. However, a participant with more than one activity for the same option was tabulated only once for that option. (Additionally, for questions 6 and 12 the participant was permitted to respond to more than one option for the same activity.) All data cells were independently tabulated so that a participant was counted only once in a data cell. Thus an unduplicated count of people was obtained within a data cell, and standard errors can be used.

Table 23. --Method of instruction for activity, by selected adult education aspects, United States, year ending May 1979

| Selected adult education aspects                    | Total participants | Method of instruction |      |      |      |      |      |      |      |      |      | Percent of total, participant population | Corrected population | Instruction (a) | Workshop or discussion groups (4) | Lecture class (6) | Individual instruction (7) | Organized training or job (8) | Correspondence (9) | Self-instruction (10) |
|---|--------------------|-----------------------|------|------|------|------|------|------|------|------|------|--|----------------------|-----------------|-----------------------------------|-------------------|----------------------------|-------------------------------|--------------------|-----------------------|
|   |                    | (1)                   | (2)  | (3)  | (4)  | (5)  | (6)  | (7)  | (8)  | (9)  | (10) |  |                      |                 |                                   |                   |                            |                               |                    |                       |
| PARTICIPANT POPULATION (total number, in thousands) |                    |                       |      |      |      |      |      |      |      |      |      |  |                      |                 |                                   |                   |                            |                               |                    |                       |
| 1   | 1,041              | 4.80                  | 4.00 | 1.10 | 1.10 | 1.10 | 1.10 | 1.10 | 1.10 | 1.10 | 1.10 | 1.10                                     | 1.10                 | 1.10            | 1.10                              | 1.10              | 1.10                       | 1.10                          | 1.10               | 1.10                  |
| Q. 7--HOURS SCHEDULED PER WEEK                      |                    |                       |      |      |      |      |      |      |      |      |      |  |                      |                 |                                   |                   |                            |                               |                    |                       |
| 1   | 7.1                | 4.7                   | 2.4  | 2.4  | 2.4  | 2.4  | 2.4  | 2.4  | 2.4  | 2.4  | 2.4  | 2.4                                      | 2.4                  | 2.4             | 2.4                               | 2.4               | 2.4                        | 2.4                           | 2.4                | 2.4                   |
| 2   | 22.1               | 2.4                   | 2.4  | 2.4  | 2.4  | 2.4  | 2.4  | 2.4  | 2.4  | 2.4  | 2.4  | 2.4                                      | 2.4                  | 2.4             | 2.4                               | 2.4               | 2.4                        | 2.4                           | 2.4                | 2.4                   |
| 3   | 29.1               | 3.1                   | 3.1  | 3.1  | 3.1  | 3.1  | 3.1  | 3.1  | 3.1  | 3.1  | 3.1  | 3.1                                      | 3.1                  | 3.1             | 3.1                               | 3.1               | 3.1                        | 3.1                           | 3.1                | 3.1                   |
| 4   | 11.3               | 1.1                   | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1                                      | 1.1                  | 1.1             | 1.1                               | 1.1               | 1.1                        | 1.1                           | 1.1                | 1.1                   |
| 5   | 13.1               | 1.3                   | 1.3  | 1.3  | 1.3  | 1.3  | 1.3  | 1.3  | 1.3  | 1.3  | 1.3  | 1.3                                      | 1.3                  | 1.3             | 1.3                               | 1.3               | 1.3                        | 1.3                           | 1.3                | 1.3                   |
| 6   | 3.4                | 2.7                   | 2.7  | 2.7  | 2.7  | 2.7  | 2.7  | 2.7  | 2.7  | 2.7  | 2.7  | 2.7                                      | 2.7                  | 2.7             | 2.7                               | 2.7               | 2.7                        | 2.7                           | 2.7                | 2.7                   |
| 7   | 1.7                | 1.7                   | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7                                      | 1.7                  | 1.7             | 1.7                               | 1.7               | 1.7                        | 1.7                           | 1.7                | 1.7                   |
| 8   | 1.1                | 1.1                   | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1                                      | 1.1                  | 1.1             | 1.1                               | 1.1               | 1.1                        | 1.1                           | 1.1                | 1.1                   |
| 9   | 2.7                | 1.8                   | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  | 1.8                                      | 1.8                  | 1.8             | 1.8                               | 1.8               | 1.8                        | 1.8                           | 1.8                | 1.8                   |
| 10  | 2.0                | 1.1                   | 2.1  | 2.1  | 2.1  | 2.1  | 2.1  | 2.1  | 2.1  | 2.1  | 2.1  | 2.1                                      | 2.1                  | 2.1             | 2.1                               | 2.1               | 2.1                        | 2.1                           | 2.1                | 2.1                   |
| 11-24   | 1.5                | 1.1                   | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1                                      | 1.1                  | 1.1             | 1.1                               | 1.1               | 1.1                        | 1.1                           | 1.1                | 1.1                   |
| 25-29   | 1.1                | 1.1                   | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1                                      | 1.1                  | 1.1             | 1.1                               | 1.1               | 1.1                        | 1.1                           | 1.1                | 1.1                   |
| 30-34   | 1.4                | 1.4                   | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4                                      | 1.4                  | 1.4             | 1.4                               | 1.4               | 1.4                        | 1.4                           | 1.4                | 1.4                   |
| 35-39   | 1.1                | 1.1                   | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1                                      | 1.1                  | 1.1             | 1.1                               | 1.1               | 1.1                        | 1.1                           | 1.1                | 1.1                   |
| 40-44   | 1.4                | 1.4                   | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4                                      | 1.4                  | 1.4             | 1.4                               | 1.4               | 1.4                        | 1.4                           | 1.4                | 1.4                   |
| 45-49   | 1.1                | 1.1                   | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1                                      | 1.1                  | 1.1             | 1.1                               | 1.1               | 1.1                        | 1.1                           | 1.1                | 1.1                   |
| 50-54   | 1.4                | 1.4                   | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4                                      | 1.4                  | 1.4             | 1.4                               | 1.4               | 1.4                        | 1.4                           | 1.4                | 1.4                   |
| 55-59   | 1.1                | 1.1                   | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1                                      | 1.1                  | 1.1             | 1.1                               | 1.1               | 1.1                        | 1.1                           | 1.1                | 1.1                   |
| 60-64   | 1.1                | 1.1                   | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1                                      | 1.1                  | 1.1             | 1.1                               | 1.1               | 1.1                        | 1.1                           | 1.1                | 1.1                   |
| 65-69   | 1.1                | 1.1                   | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1                                      | 1.1                  | 1.1             | 1.1                               | 1.1               | 1.1                        | 1.1                           | 1.1                | 1.1                   |
| 70-74   | 1.1                | 1.1                   | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1                                      | 1.1                  | 1.1             | 1.1                               | 1.1               | 1.1                        | 1.1                           | 1.1                | 1.1                   |
| 75-79   | 1.1                | 1.1                   | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1                                      | 1.1                  | 1.1             | 1.1                               | 1.1               | 1.1                        | 1.1                           | 1.1                | 1.1                   |
| 80-84   | 1.1                | 1.1                   | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1                                      | 1.1                  | 1.1             | 1.1                               | 1.1               | 1.1                        | 1.1                           | 1.1                | 1.1                   |
| 85-89   | 1.1                | 1.1                   | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1                                      | 1.1                  | 1.1             | 1.1                               | 1.1               | 1.1                        | 1.1                           | 1.1                | 1.1                   |
| 90-94   | 1.1                | 1.1                   | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1                                      | 1.1                  | 1.1             | 1.1                               | 1.1               | 1.1                        | 1.1                           | 1.1                | 1.1                   |
| 95-99   | 1.1                | 1.1                   | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1                                      | 1.1                  | 1.1             | 1.1                               | 1.1               | 1.1                        | 1.1                           | 1.1                | 1.1                   |
| 1,440 - 9,998                                       | 1.0                | 1.0                   | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0                                      | 1.0                  | 1.0             | 1.0                               | 1.0               | 1.0                        | 1.0                           | 1.0                | 1.0                   |
| Not reported  | 3.1                | 2.4                   | 2.4  | 2.4  | 2.4  | 2.4  | 2.4  | 2.4  | 2.4  | 2.4  | 2.4  | 2.4                                      | 2.4                  | 2.4             | 2.4                               | 2.4               | 2.4                        | 2.4                           | 2.4                | 2.4                   |
| Q. 8--WEEKS SCHEDULED                               |                    |                       |      |      |      |      |      |      |      |      |      |  |                      |                 |                                   |                   |                            |                               |                    |                       |
| 1   | 11.2               | 11.2                  | 11.2 | 11.2 | 11.2 | 11.2 | 11.2 | 11.2 | 11.2 | 11.2 | 11.2 | 11.2                                     | 11.2                 | 11.2            | 11.2                              | 11.2              | 11.2                       | 11.2                          | 11.2               | 11.2                  |
| 2   | 3.6                | 3.6                   | 3.6  | 3.6  | 3.6  | 3.6  | 3.6  | 3.6  | 3.6  | 3.6  | 3.6  | 3.6                                      | 3.6                  | 3.6             | 3.6                               | 3.6               | 3.6                        | 3.6                           | 3.6                | 3.6                   |
| 3   | 2.7                | 2.7                   | 2.7  | 2.7  | 2.7  | 2.7  | 2.7  | 2.7  | 2.7  | 2.7  | 2.7  | 2.7                                      | 2.7                  | 2.7             | 2.7                               | 2.7               | 2.7                        | 2.7                           | 2.7                | 2.7                   |
| 4   | 3.1                | 3.1                   | 3.1  | 3.1  | 3.1  | 3.1  | 3.1  | 3.1  | 3.1  | 3.1  | 3.1  | 3.1                                      | 3.1                  | 3.1             | 3.1                               | 3.1               | 3.1                        | 3.1                           | 3.1                | 3.1                   |
| 5-8   | 7.9                | 7.9                   | 7.9  | 7.9  | 7.9  | 7.9  | 7.9  | 7.9  | 7.9  | 7.9  | 7.9  | 7.9                                      | 7.9                  | 7.9             | 7.9                               | 7.9               | 7.9                        | 7.9                           | 7.9                | 7.9                   |
| 9-12  | 21.3               | 21.3                  | 21.3 | 21.3 | 21.3 | 21.3 | 21.3 | 21.3 | 21.3 | 21.3 | 21.3 | 21.3                                     | 21.3                 | 21.3            | 21.3                              | 21.3              | 21.3                       | 21.3                          | 21.3               | 21.3                  |
| 13-14   | 14.3               | 14.3                  | 14.3 | 14.3 | 14.3 | 14.3 | 14.3 | 14.3 | 14.3 | 14.3 | 14.3 | 14.3                                     | 14.3                 | 14.3            | 14.3                              | 14.3              | 14.3                       | 14.3                          | 14.3               | 14.3                  |
| 15-16   | 7.2                | 7.2                   | 7.2  | 7.2  | 7.2  | 7.2  | 7.2  | 7.2  | 7.2  | 7.2  | 7.2  | 7.2                                      | 7.2                  | 7.2             | 7.2                               | 7.2               | 7.2                        | 7.2                           | 7.2                | 7.2                   |
| 17-20   | 2.0                | 2.0                   | 2.0  | 2.0  | 2.0  | 2.0  | 2.0  | 2.0  | 2.0  | 2.0  | 2.0  | 2.0                                      | 2.0                  | 2.0             | 2.0                               | 2.0               | 2.0                        | 2.0                           | 2.0                | 2.0                   |
| 21-24   | 5.1                | 5.1                   | 5.1  | 5.1  | 5.1  | 5.1  | 5.1  | 5.1  | 5.1  | 5.1  | 5.1  | 5.1                                      | 5.1                  | 5.1             | 5.1                               | 5.1               | 5.1                        | 5.1                           | 5.1                | 5.1                   |
| 25-29   | 7.5                | 7.5                   | 7.5  | 7.5  | 7.5  | 7.5  | 7.5  | 7.5  | 7.5  | 7.5  | 7.5  | 7.5                                      | 7.5                  | 7.5             | 7.5                               | 7.5               | 7.5                        | 7.5                           | 7.5                | 7.5                   |
| 30-34   | 2.8                | 2.8                   | 2.8  | 2.8  | 2.8  | 2.8  | 2.8  | 2.8  | 2.8  | 2.8  | 2.8  | 2.8                                      | 2.8                  | 2.8             | 2.8                               | 2.8               | 2.8                        | 2.8                           | 2.8                | 2.8                   |
| 35-39   | 1.4                | 1.4                   | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4                                      | 1.4                  | 1.4             | 1.4                               | 1.4               | 1.4                        | 1.4                           | 1.4                | 1.4                   |
| 40-44   | 1.4                | 1.4                   | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4                                      | 1.4                  | 1.4             | 1.4                               | 1.4               | 1.4                        | 1.4                           | 1.4                | 1.4                   |
| 45-49   | 7.7                | 7.7                   | 7.7  | 7.7  | 7.7  | 7.7  | 7.7  | 7.7  | 7.7  | 7.7  | 7.7  | 7.7                                      | 7.7                  | 7.7             | 7.7                               | 7.7               | 7.7                        | 7.7                           | 7.7                | 7.7                   |
| 50-54   | 2.8                | 2.8                   | 2.8  | 2.8  | 2.8  | 2.8  | 2.8  | 2.8  | 2.8  | 2.8  | 2.8  | 2.8                                      | 2.8                  | 2.8             | 2.8                               | 2.8               | 2.8                        | 2.8                           | 2.8                | 2.8                   |
| 55-59   | 1.7                | 1.7                   | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7                                      | 1.7                  | 1.7             | 1.7                               | 1.7               | 1.7                        | 1.7                           | 1.7                | 1.7                   |
| 60-64   | 1.7                | 1.7                   | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7                                      | 1.7                  | 1.7             | 1.7                               | 1.7               | 1.7                        | 1.7                           | 1.7                | 1.7                   |
| 65-69   | 1.7                | 1.7                   | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7                                      | 1.7                  | 1.7             | 1.7                               | 1.7               | 1.7                        | 1.7                           | 1.7                | 1.7                   |
| 70-74   | 1.7                | 1.7                   | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7                                      | 1.7                  | 1.7             | 1.7                               | 1.7               | 1.7                        | 1.7                           | 1.7                | 1.7                   |
| 75-79   | 1.7                | 1.7                   | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7                                      | 1.7                  | 1.7             | 1.7                               | 1.7               | 1.7                        | 1.7                           | 1.7                | 1.7                   |
| 80-84   | 1.7                | 1.7                   | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7                                      | 1.7                  | 1.7             | 1.7                               | 1.7               | 1.7                        | 1.7                           | 1.7                | 1.7                   |
| 85-89   | 1.7                | 1.7                   | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7                                      | 1.7                  | 1.7             | 1.7                               | 1.7               | 1.7                        | 1.7                           | 1.7                | 1.7                   |
| 90-94   | 1.7                | 1.7                   | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7                                      | 1.7                  | 1.7             | 1.7                               | 1.7               | 1.7                        | 1.7                           | 1.7                | 1.7                   |
| 95-99   | 1.7                | 1.7                   | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7                                      | 1.7                  | 1.7             | 1.7                               | 1.7               | 1.7                        | 1.7                           | 1.7                | 1.7                   |
| 1,440 - 9,998                                       | 1.0                | 1.0                   | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0                                      | 1.0                  | 1.0             | 1.0                               | 1.0               | 1.0                        | 1.0                           | 1.0                | 1.0                   |
| Not reported  | 3.1                | 2.4                   | 2.4  | 2.4  | 2.4  | 2.4  | 2.4  | 2.4  | 2.4  | 2.4  | 2.4  | 2.4                                      | 2.4                  | 2.4             | 2.4                               | 2.4               | 2.4                        | 2.4                           | 2.4                | 2.4                   |
| Q. 9--HOURS SPENT PER YEAR ON INSTRUCTION           |                    |                       |      |      |      |      |      |      |      |      |      |  |                      |                 |                                   |                   |                            |                               |                    |                       |
| 0 (Correspondence)                                  | 2.9                | 1.1                   | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1  | 1.1                                      | 1.1                  | 1.1             | 1.1                               | 1.1               | 1.1                        | 1.1                           | 1.1                | 1.1                   |
| 1-4   | 4.2                | 4.2                   | 4.2  | 4.2  | 4.2  | 4.2  | 4.2  | 4.2  | 4.2  | 4.2  | 4.2  | 4.2                                      | 4.2                  | 4.2             | 4.2                               | 4.2               | 4.2                        | 4.2                           | 4.2                | 4.2                   |
| 5-9   | 8.2                | 8.2                   | 8.2  | 8.2  | 8.2  | 8.2  | 8.2  | 8.2  | 8.2  | 8.2  | 8.2  | 8.2                                      | 8.2                  | 8.2             | 8.2                               | 8.2               | 8.2                        | 8.2                           | 8.2                | 8.2                   |
| 10-14   | 9.4                | 9.4                   | 9.4  | 9.4  | 9.4  | 9.4  | 9.4  | 9.4  | 9.4  | 9.4  | 9.4  | 9.4                                      | 9.4                  | 9.4             | 9.4                               | 9.4               | 9.4                        | 9.4                           | 9.4                | 9.4                   |
| 15-19   | 9.1                | 9.1                   | 9.1  | 9.1  | 9.1  | 9.1  | 9.1  | 9.1  | 9.1  | 9.1  | 9.1  | 9.1                                      | 9.1                  | 9.1             | 9.1                               | 9.1               | 9.1                        | 9.1                           | 9.1                | 9.1                   |
| 20-24   | 4.1                | 4.1                   | 4.1  | 4.1  | 4.1  | 4.1  | 4.1  | 4.1  | 4.1  | 4.1  | 4.1  | 4.1                                      | 4.1                  | 4.1             | 4.1                               | 4.1               |                            |                               |                    |                       |

See footnotes at end of table.



*Journal of Management Studies*, 19(1), 67-80.

[illegible]

The first of these is the fact that the  
 Government has not been able to  
 secure the necessary funds to  
 carry out its policy.

[illegible]



Table 24. -- Completion status of activity, by selected adult education aspects:  
United States, year ending May 1969

| Selected<br>adult education<br>aspects<br><br>(1)                | Total<br>partici-<br>pants <sup>1</sup><br><br>(2) | Q. 10--Completion status    |                                    |                            | Completion<br>status not<br>reported<br><br>(6) |
|--|--|-----------------------------|------------------------------------|----------------------------|---|
|  |  | Finished<br>activity<br>(3) | Still<br>taking<br>activity<br>(4) | Dropped<br>activity<br>(5) |   |
| PARTICIPANT POPULATION (total<br>numbers in thousands) . . . . . |  |                             |                                    |                            |   |
|  | 13,041   | 9,065                       | 3,369                              | 1,188                      | 503   |
| Percent of total, participant population                         |  |                             |                                    |                            |   |
| Q. 2--ACTIVITY CATEGORY CHOSEN<br>BY PARTICIPANT                 |  |                             |                                    |                            |   |
| <u>General education</u> . . . . .                               | 27.2   | 27.1                        | 26.9                               | 30.9                       | 23.8  |
| Adult basic education. . .                                       | 4.5  | 3.2                         | 5.0                                | 9.2                        | 8.9   |
| Americanization . . . . .  | .7   | .5                          | .8                                 | 1.4                        | .5  |
| High school & college<br>courses for credit. . . .               | 22.3   | 23.7                        | 21.2                               | 20.5                       | 14.4  |
| <u>Occupational training</u> . . . . .                           | 44.6   | 44.8                        | 41.9                               | 34.1                       | 42.2  |
| Vocational & technical . .                                       | 22.6   | 20.9                        | 22.8                               | 23.6                       | 25.5  |
| Managerial . . . . .   | 7.2  | 8.1                         | 5.2                                | 2.7                        | 3.3   |
| Professional . . . . .   | 16.2   | 17.1                        | 14.3                               | 7.9                        | 13.4  |
| <u>Community issues</u> . . . . .                                | 9.2  | 10.1                        | 6.2                                | 4.8                        | 9.2   |
| Civic & public affairs. . .                                      | 2.1  | 2.6                         | 1.0                                | 1.1                        | .8  |
| Religion. . . . .  | 5.2  | 5.1                         | 4.8                                | 3.5                        | 3.9   |
| Safety . . . . .   | 2.0  | 2.6                         | .4                                 | .2                         | 2.5   |
| <u>Personal &amp; family</u> . . . . .                           | 12.1   | 11.5                        | 11.3                               | 13.8                       | 9.8   |
| Home & family . . . . .  | 3.4  | 3.5                         | 2.4                                | 2.9                        | 2.2   |
| Personal development . .   | 8.9  | 8.0                         | 9.0                                | 11.0                       | 7.5   |
| <u>Social &amp; recreational lessons</u> .                       | 11.9   | 10.4                        | 12.9                               | 13.6                       | 10.7  |
| Hobbies & handicrafts . .  | 8.7  | 7.5                         | 9.4                                | 10.3                       | 8.7   |
| Sports lessons . . . . .   | 3.4  | 3.2                         | 3.5                                | 3.4                        | 2.1   |
| <u>Other</u> . . . . .   | 3.9  | 4.0                         | 2.9                                | 3.7                        | 2.1   |
| <u>Not reported</u> . . . . .                                    | .5   | .2                          | .5                                 | .8                         | 3.1   |
| Q. 3--REASON FOR TAKING:   |  |                             |                                    |                            |   |
| For general information . . . .                                  | 14.2   | 14.5                        | 11.2                               | 15.7                       | 11.0  |
| To improve or advance in job. .                                  | 45.2   | 48.2                        | 39.0                               | 28.8                       | 37.6  |
| To get new job. . . . .  | 10.9   | 8.7                         | 14.7                               | 13.4                       | 11.0  |
| For community activity. . . . .                                  | 2.6  | 3.0                         | 1.8                                | .7                         | .8  |
| For personal or family<br>interests . . . . .                    | 19.8   | 17.6                        | 20.7                               | 26.0                       | 20.6  |

See footnotes at end of table.

Table 24. --Completion status of activity, by selected adult education aspects:  
United States, year ending May 1969--Continued

| Selected<br>adult education<br>aspects<br><br>(1)                | Total<br>partici-<br>pants <sup>1</sup><br><br>(2) | Q. 10--Completion status    |                                    |                            | Completion<br>status not<br>reported<br><br>(6) |
|--|--|-----------------------------|------------------------------------|----------------------------|---|
|  |  | Finished<br>activity<br>(3) | Still<br>taking<br>activity<br>(4) | Dropped<br>activity<br>(5) |   |
| PARTICIPANT POPULATION (total<br>numbers in thousands) . . . . . |  |                             |                                    |                            |   |
|  | 13,041   | 9,065                       | 3,369                              | 1,188                      | 503   |
| Percent of total, participant population                         |  |                             |                                    |                            |   |
| Q. 3--REASON FOR TAKING (cont.):                                 |  |                             |                                    |                            |   |
| For social or recreational<br>reasons . . . . .                  | 6.7  | 5.7                         | 7.3                                | 8.3                        | 6.6   |
| Other . . . . .  | 9.6  | 10.1                        | 8.3                                | 8.0                        | 9.5   |
| Not reported . . . . .   | .4   | .2                          | .1                                 | 1.0                        | 3.7   |
| Q. 5--FACILITY:  |  |                             |                                    |                            |   |
| School or college building . . .                                 | 57.0   | 59.2                        | 47.7                               | 69.0                       | 26.8  |
| Community center. . . . .  | 5.6  | 5.4                         | 4.7                                | 5.8                        | 4.7   |
| Church . . . . .   | 5.3  | 5.1                         | 4.8                                | 4.0                        | 5.4   |
| Place of work . . . . .  | 12.0   | 13.2                        | 8.8                                | 4.8                        | 10.2  |
| Private home . . . . .   | 11.0   | 5.5                         | 22.1                               | 6.7                        | 32.1  |
| Other . . . . .  | 17.6   | 18.6                        | 13.9                               | 10.3                       | 16.5  |
| Not reported . . . . .   | .7   | .5                          | .3                                 | .9                         | 5.5   |
| Q. 6--METHOD OF INSTRUCTION:                                     |  |                             |                                    |                            |   |
| Lecture or class . . . . .                                       | 73.5   | 78.5                        | 59.1                               | 75.4                       | 39.3  |
| Workshop or discussion<br>group . . . . .                        | 33.5   | 36.4                        | 24.8                               | 25.4                       | 22.6  |
| Individual instruction . . . . .                                 | 13.2   | 10.7                        | 16.1                               | 13.8                       | 19.1  |
| Organized training on the job. .                                 | 7.0  | 7.0                         | 6.2                                | 3.4                        | 9.2   |
| Correspondence. . . . .  | 8.5  | 3.7                         | 19.3                               | 3.7                        | 25.4  |
| Television or radio . . . . .                                    | .6   | .7                          | .5                                 | .3                         | .5  |
| Other . . . . .  | 3.8  | 3.9                         | 2.8                                | 2.1                        | 5.4   |
| Not reported . . . . .   | .7   | .5                          | .5                                 | .7                         | 4.5   |
| Q. 11--CREDIT:   |  |                             |                                    |                            |   |
| No credit . . . . .  | 56.1   | 54.2                        | 48.3                               | 74.8                       | 50.7  |
| 8th-grade certificate . . . . .                                  | .3   | .2                          | .3                                 | .7                         | 1.2   |
| High school completion . . . . .                                 | 4.2  | 2.9                         | 6.3                                | 6.3                        | 5.8   |
| Skill certificate or license . . .                               | 19.1   | 18.2                        | 21.5                               | 9.0                        | 18.8  |
| College degree . . . . .   | 20.3   | 23.3                        | 19.7                               | 7.4                        | 7.9   |
| Other credit. . . . .  | 6.0  | 6.6                         | 4.8                                | 1.9                        | 5.2   |
| Not reported . . . . .   | 1.0  | .5                          | .7                                 | .7                         | 11.1  |

See footnotes at end of table.

Table 24. -- Completion status of activity, by selected adult education aspects:  
United States, year ending May 1969--Continued

| Selected<br>adult education<br>aspects<br><br>(1)                | Total<br>partici-<br>pants <sup>1</sup><br><br>(2) | Q.10--Completion status     |                                    |                            | Completion<br>status not<br>reported<br><br>(6) |
|--|--|-----------------------------|------------------------------------|----------------------------|---|
|  |  | Finished<br>activity<br>(3) | Still<br>taking<br>activity<br>(4) | Dropped<br>activity<br>(5) |   |
| PARTICIPANT POPULATION (total<br>numbers in thousands) . . . . . |  |                             |                                    |                            |   |
|  | 13,041   | 9,065                       | 3,369                              | 1,188                      | 503   |
| Percent of total, participant population                         |  |                             |                                    |                            |   |
| Q.12--PAYMENT  |  |                             |                                    |                            |   |
| Self or family . . . . .   | 57.2   | 55.0                        | 59.4                               | 64.5                       | 53.4  |
| Employer . . . . .   | 27.3   | 32.0                        | 18.2                               | 7.7                        | 17.0  |
| Government . . . . .   | 10.1   | 8.0                         | 14.0                               | 13.4                       | 8.4   |
| Other . . . . .  | 13.1   | 12.7                        | 11.8                               | 13.1                       | 12.4  |
| Do not know . . . . .  | 2.4  | 2.1                         | 2.1                                | 4.2                        | 2.7   |
| Not reported . . . . .   | 1.0  | .6                          | .4                                 | 1.2                        | 10.8  |

<sup>1</sup> Age 17 or over, not regular full-time students, engaged in one or more activities of organized instruction. Since persons age 35 and over were not asked whether they were full-time students, they may be included.

NOTE. --Percent detail may not add to 100.0 because of rounding. Furthermore, for unduplicated counts for the adult education items, percentages up columns may exceed 100.0 and row numbers, and numbers converted from percents across rows, may add to more than totals because a participant may have engaged in more than one activity. If the different activities were for different options within a question, the participant could have been tabulated for each option as appropriate. However, a participant with more than one activity for the same option was tabulated only once for that option. (Additionally, for questions 6 and 12 the participant was permitted to respond to more than one option for the same activity.) All data cells were independently tabulated so that a participant was counted only once within a data cell, and standard errors can be used.

Table 25. --Kind of credit received or expected for the activity, by payment for adult education: United States, year ending May 1969

| Selected<br>adult education<br>aspects<br><br>(1) | Total<br>parti-<br>cips'nt<br><br>(2) | Q. 11--Kind of credit received or expected |                                      |                                     |   |                          |                        | Kind of<br>credit<br>not<br>reported<br>(9) |
|---|---------------------------------------|--|--------------------------------------|-------------------------------------|---|--------------------------|------------------------|---|
|   |                                       | No credit<br>(3)                           | 8th-grade<br>certifi-<br>cate<br>(4) | High<br>school<br>completion<br>(5) | Skill cer-<br>tificate<br>or license<br>(6) | College<br>degree<br>(7) | Other<br>credit<br>(8) |   |
| PARTICIPANT POPULATION                            |                                       |  |                                      |                                     |   |                          |                        |   |
| (total numbers in thousands) . . .                | 13,041                                | 7,319                                      | 45                                   | 549                                 | 2,486                                       | 2,642                    | 786                    | 133   |
| Q. 12--PAYMENT:                                   |                                       |  |                                      |                                     |   |                          |                        |   |
|   |                                       | Percent of total, participant population   |                                      |                                     |   |                          |                        |   |
| Self or family . . . . .                          | 57.2                                  | 52.8                                       | 6.1                                  | 52.1                                | 51.5  | 76.9                     | 41.9                   | 24.3  |
| Employer . . . . .                                | 27.3                                  | 29.3                                       | 5.8                                  | 3.3                                 | 31.4  | 17.5                     | 34.0                   | 11.8  |
| Government . . . . .                              | 10.1                                  | 6.5  | 49.7                                 | 29.1                                | 14.3  | 9.1                      | 10.8                   | 4.8   |
| Other . . . . .                                   | 13.1                                  | 15.6                                       | 19.7                                 | 13.5                                | 9.6   | 5.9                      | 14.9                   | 8.6   |
| Do not know . . . . .                             | 2.4                                   | 2.9  | 13.2                                 | 5.2                                 | 1.8   | .4                       | 2.6                    | .0  |
| Not reported . . . . .                            | 1.0                                   | .4   | 8.7                                  | .0                                  | .3  | .3                       | 1.5                    | 52.5  |

<sup>1</sup> Age 17 or over, not regular full-time students, engaged in one or more activities of organized instruction. Since persons age 35 and over were not asked whether they were full-time students, they may be included.

NOTE.--Percent detail may not add to 100.0 because of rounding. Furthermore, for unduplicated counts for the adult education items, percentages up columns may exceed 100.0 and row numbers, and numbers converted from percents across rows, may add to more than totals because a participant may have engaged in more than one activity. If the different activities were for different options within a question, the participant could have been tabulated for each option as appropriate. However, a participant with more than one activity for the same option was tabulated only once for that option. (Additionally, for question 12 the participant was permitted to respond to more than one option for the same activity.) All data cells were independently tabulated so that a participant was counted only once in a data cell. Thus an unduplicated count of people was obtained within a data cell, and standard errors can be used.

## VI. CRITICAL DATA RECOMBINED

This section contains two tables. The first, table 26, links participants with their sources of adult education and the kind of activities in which they engaged; in other words, who went where for what kind of adult education. Table 27 provides insight about adult education taken by participants who engaged in one, in two, or in three or more activities and permits examination of the impact of single or multiparticipation.

When presenting unduplicated data from the adult education questions, as in both tables in this section, column percentages will exceed totals and subtotals because a participant may have engaged in more than one activity and the separate activities may have been for different options within a question. But all data cells were independently tabulated so that a participant was counted only once in a data cell; thus, unduplicated counts were obtained within a cell and standard errors can be used.

### Selected Findings

High school graduates comprised the largest number of participants in adult education offered by all sponsors or administrators, with the exception of 4-year colleges and universities. Among those taking adult education through public grade schools or high schools, over one-fourth had attended college or held a college degree. Nearly a third of those in adult education provided by private vocational, trade, or business schools had some college background. Among those engaged in adult education administered by 4-year colleges and universities, only a small number (3.1 percent) had not received a high school diploma (derived from table 26).

Four-year college- or university-sponsored adult education was used for both general education and occupational training. However, more men than women used 4-year institutions for occupational training (36.2 percent of 1,558,000 men in contrast to 20.2 percent of 1,274,000 women). On the other hand, 67.0 percent of the women were in general education programs, compared to 55.1 percent of the men (table 26).

Community organizations were the most frequently cited sponsors of activities dealing with community issues; 42.6 percent of the 1,554,000 participants in activities sponsored by

community organizations described their activities as such. The percentage was consistently high for all three groups: 17 - 34, 35 - 54, and 55 and over. Other adult education offered through community organizations revealed contrasts by age of participants. Participants age 55 and older expressed greater interest in social or recreational lessons. Persons age 17 to 34 were involved more than any other age group in personal and family living courses (table 26).

Persons trying to finish high school or college made up the largest percentage (59.9) of the 1,689,000 participants taking 3 or more activities during the year. By contrast, those taking 1 or more hobby or handicraft courses constituted only 5.2 percent of those taking 3 or more activities (table 27).

Persons taking 2, or 3 or more, activities during the year were more likely to complete them than were persons taking only 1; 87.5 percent of the 1,689,000 participants taking 3 or more activities completed them; 82.0 percent of the 2,075,000 participants taking 2 activities completed; while 63.4 percent of the 9,277,000 participants taking only 1 activity completed. The percentage completing for all 13,041,000 participants was 69.5 (table 27).



Table 20. --Selected characteristics of participants, by sponsor or administrator of adult education and primary activity categories chosen by participants  
United States, year ending May 1969

| Sponsor or administrator of adult education and primary activity categories chosen by participants (1) | Total participants (2) | Age       |           |                 | Regular school completed |                          |                  |                                       |            |            | Race       |           |             | Sex |  |
|--|------------------------|-----------|-----------|-----------------|--------------------------|--------------------------|------------------|---------------------------------------|------------|------------|------------|-----------|-------------|-----|--|
|  |                        | 17-34 (3) | 35-54 (4) | 55 and over (5) | None to 11th grade (6)   | High school graduate (7) | Some college (8) | College graduate and postgraduate (9) | White (10) | Black (11) | Other (12) | Male (13) | Female (14) |     |  |
|  |                        | (3)       | (4)       | (5)             | (6)                      | (7)                      | (8)              | (9)                                   | (10)       | (11)       | (12)       | (13)      | (14)        |     |  |
| <b>PUBLIC GRADE SCHOOL OR HIGH SCHOOL</b><br>(numbers in thousands)                                    | 1,970                  | 1,040     | 765       | 165             | 547                      | 850                      | 252              | 322                                   | 1,723      | 217        | 29         | 1,310     | 1,310       |     |  |
| General education . . . . .  | 33.1                   | 39.5      | 28.0      | 17.0            | 68.8                     | 23.3                     | 13.1             | 14.1                                  | 20.6       | 57.8       | 58.8       | 39.4      | 30.0        |     |  |
| Occupational training . . . . .  | 21.2                   | 20.8      | 21.0      | 21.5            | 13.9                     | 25.7                     | 22.0             | 21.1                                  | 20.5       | 27.3       | 13.4       | 2.7       | 18.5        |     |  |
| Community issues . . . . .   | 2.0                    | .8        | 3.9       | .8              | .4                       | 2.5                      | 1.5              | 3.7                                   | 2.2        | .6         | .0         | 2.7       | 1.7         |     |  |
| Personal & family living . . . . .   | 21.5                   | 18.9      | 23.2      | 30.4            | 8.6                      | 20.0                     | 27.8             | 26.5                                  | 23.0       | 8.9        | 27.8       | 12.4      | 24.1        |     |  |
| Social & recreational lessons . . . . .  | 21.9                   | 19.4      | 23.8      | 29.4            | 7.7                      | 22.2                     | 37.4             | 33.3                                  | 24.4       | 5.0        | 0          | 14.1      | 25.9        |     |  |
| Other . . . . .  | 3.2                    | 2.3       | 4.1       | 4.9             | 2.2                      | 3.9                      | 1.5              | 4.7                                   | 3.4        | 2.4        | 0          | 2.7       | 3.5         |     |  |
| Not reported . . . . .   | .6                     | .8        | .5        | .0              | .4                       | 1.0                      | .0               | .4                                    | .7         | .5         | 0          | .4        | .8          |     |  |
| <b>PUBLIC 2-YEAR COLLEGE OR TECHNICAL INSTITUTE</b><br>(numbers in thousands)                          | 1,550                  | 1,012     | 486       | 51              | 129                      | 721                      | 494              | 206                                   | 1,436      | 98         | 16         | 857       | 683         |     |  |
| General education . . . . .  | 46.0                   | 52.1      | 35.5      | 24.4            | 37.1                     | 39.6                     | 63.1             | 32.6                                  | 45.9       | 48.7       | 36.4       | 44.9      | 47.3        |     |  |
| Occupational training . . . . .  | 38.7                   | 37.2      | 41.4      | 40.6            | 47.1                     | 48.3                     | 26.2             | 29.6                                  | 38.3       | 42.2       | 45.7       | 46.2      | 29.1        |     |  |
| Community issues . . . . .   | 1.1                    | .5        | 2.5       | .0              | .4                       | 1.4                      | .3               | .0                                    | .8         | .4         | 0          | 1.0       | 1.3         |     |  |
| Personal & family living . . . . .   | 8.3                    | 6.3       | 11.8      | 12.7            | 3.0                      | 8.0                      | 7.0              | 15.5                                  | 6.6        | 2.5        | 9.3        | 7         | 11.5        |     |  |
| Social & recreational lessons . . . . .  | 7.4                    | 6.5       | 7.8       | 21.1            | 8.3                      | 4.0                      | 7.4              | 18.9                                  | 7.5        | 1.4        | 8.6        | 4.9       | 10.6        |     |  |
| Other . . . . .  | 1.7                    | .8        | 3.2       | 4.6             | 1.6                      | 1.6                      | 1.0              | 4.1                                   | 1.8        | 0          | .0         | .9        | 2.7         |     |  |
| Not reported . . . . .   | .4                     | .6        | .2        | .0              | .0                       | .6                       | .0               | 1.2                                   | .5         | 0          | .0         | .3        | .6          |     |  |
| <b>PRIVATE VOCATIONAL, TRADE, OR BUSINESS SCHOOL</b><br>(numbers in thousands)                         | 1,504                  | 947       | 477       | 79              | 276                      | 754                      | 293              | 181                                   | 1,346      | 144        | 13         | 880       | 623         |     |  |
| General education . . . . .  | 8.8                    | 9.9       | 7.9       | 1.8             | 16.0                     | 6.9                      | 7.7              | 7.7                                   | 8.8        | 9.9        | .0         | 8.1       | 9.8         |     |  |
| Occupational training . . . . .  | 73.7                   | 76.2      | 71.0      | 69.1            | 67.5                     | 77.9                     | 73.0             | 66.8                                  | 72.8       | 81.0       | 85.9       | 78.0      | 67.6        |     |  |
| Community issues . . . . .   | 1.1                    | 1.0       | 1.2       | 1.7             | .9                       | .8                       | 1.4              | 2.2                                   | 1.2        | .0         | .0         | 1.0       | 1.3         |     |  |
| Personal & family living . . . . .   | 8.7                    | 8.6       | 9.2       | 8.0             | 6.3                      | 7.5                      | 10.8             | 14.3                                  | 9.1        | 5.2        | 14.1       | 8.3       | 9.4         |     |  |
| Social & recreational lessons . . . . .  | 7.4                    | 4.5       | 10.5      | 23.8            | 7.8                      | 7.4                      | 6.4              | 8.4                                   | 7.8        | 4.9        | .0         | 4.5       | 11.5        |     |  |
| Other . . . . .  | 1.7                    | 1.0       | 2.0       | 8.1             | 2.0                      | 1.4                      | 2.4              | 1.3                                   | 1.8        | .9         | .0         | 1.7       | 1.7         |     |  |
| Not reported . . . . .   | .2                     | .1        | .3        | .0              | .0                       | .2                       | .5               | .0                                    | .1         | 1.0        | .0         | .0        | .4          |     |  |
| <b>FOUR-YEAR COLLEGE OR UNIVERSITY</b><br>(numbers in thousands)                                       | 2,831                  | 1,608     | 1,081     | 142             | 89                       | 460                      | 687              | 1,595                                 | 2,618      | 182        | 31         | 1,558     | 1,274       |     |  |
| General education . . . . .  | 60.4                   | 68.6      | 51.5      | 35.8            | 48.8                     | 44.4                     | 72.2             | 60.7                                  | 61.3       | 54.0       | 27.2       | 55.1      | 67.0        |     |  |
| Occupational training . . . . .  | 29.0                   | 24.0      | 35.3      | 37.2            | 35.3                     | 33.0                     | 21.0             | 30.9                                  | 28.8       | 27.2       | 58.9       | 36.2      | 20.2        |     |  |
| Community issues . . . . .   | 2.6                    | 1.3       | 3.7       | 8.6             | 4.4                      | 5.3                      | 1.8              | 2.0                                   | 2.3        | 5.9        | 6          | 2.8       | 2.2         |     |  |
| Personal & family living . . . . .   | 5.9                    | 4.1       | 8.3       | 7.5             | 7.5                      | 11.7                     | 5.5              | 4.3                                   | 5.6        | 5.8        | 5.3        | 3.8       | 8.5         |     |  |
| Social & recreational lessons . . . . .  | 2.0                    | 1.5       | 2.5       | 4.6             | 4.1                      | 4.2                      | 1.4              | 1.5                                   | 2.1        | 1.7        | 0          | 1.0       | 3.2         |     |  |
| Other . . . . .  | 3.3                    | 3.1       | 3.2       | 6.2             | 2.6                      | 2.3                      | 2.5              | 4.0                                   | 3.0        | 7.7        | 8.7        | 3.4       | 2.9         |     |  |
| Not reported . . . . .   | .1                     | .2        | .0        | .0              | .0                       | .3                       | .0               | .1                                    | .1         | .0         | .0         | .1        | .1          |     |  |

Percent of total, public grade school or high school

Percent of total, private vocational, trade, or business school

Percent of total, 4-year college or university

See footnotes at end of table.

Table 2. Characteristics of participants, by sponsor of adult education and primary activity categories chosen by participants  
United States, year ending May 1966-Continued

| Sponsor of<br>adult education and<br>activity categories chosen by<br>participants<br>(1) | Total<br>partici-<br>pants<br>(2) | Age            |                |                       | Regular school completed     |                                |                        |  |               | Race          |               |              | Sex    |                |  |
|---|-----------------------------------|----------------|----------------|-----------------------|------------------------------|--------------------------------|------------------------|--|---------------|---------------|---------------|--------------|--------|----------------|--|
|   |                                   | 17 - 34<br>(3) | 35 - 54<br>(4) | 55 and<br>over<br>(5) | None to<br>11th grade<br>(6) | High school<br>graduate<br>(7) | Some<br>college<br>(8) | College<br>graduate and<br>postgraduate<br>(9) | White<br>(10) | Black<br>(11) | Other<br>(12) | Male<br>(13) |        | Female<br>(14) |  |
|   |                                   | 1, 190         | 935            | 150                   | 320                          | 1, 103                         | 389                    | 463  | 2, 124        | 134           | 6             | 6            |        | 6              |  |
| EMPLOYEE (numbers in thousands)   |                                   |                |                |                       |                              |                                |                        |  |               |               |               |              |        |                |  |
| Percent of total, employer  |                                   |                |                |                       |                              |                                |                        |  |               |               |               |              |        |                |  |
| General education   | 5.2                               | 7.2            | 5.0            | 6.0                   | 10.1                         | 5.5                            | 2.6                    | 3.2  | 4.7           | 12.9          | 0             | 4.7          | 7.1    |                |  |
| Occupational training   | 81.0                              | 83.5           | 83.2           | 77.0                  | 75.0                         | 82.7                           | 88.5                   | 89.6   | 84.8          | 71.7          | 87.7          | 85.4         | 80.6   |                |  |
| Community issues  | 7.9                               | 6.0            | 5.0            | 11.3                  | 6.0                          | 6.1                            | 3.8                    | 7.2  | 6.1           | 3.4           | 0             | 6.5          | 4.4    |                |  |
| Personal & family living  | 3.7                               | 2.7            | 5.2            | 1.7                   | 4.5                          | 3.4                            | 4.5                    | 1.2  | 3.5           | 5.6           | 19.1          | 3.2          | 5.0    |                |  |
| Social & recreational lessons   | .2                                | .0             | .4             | .0                    | .0                           | .1                             | .3                     | .3   | .2            | .0            | 0             | 1            | 4      |                |  |
| Other   | 5.2                               | 2.9            | 3.2            | 5.7                   | 5.1                          | 3.6                            | 3.0                    | 1.1  | 3.0           | 6.5           | 0             | 2.6          | 4.9    |                |  |
| Not reported  | .3                                | .4             | 1              | 1.0                   | .4                           | .2                             | .3                     | .6   | .4            | 0             | 0             | .4           | 2      |                |  |
| COMMUNITY ORGANIZATION (numbers in thousands)   |                                   |                |                |                       |                              |                                |                        |  |               |               |               |              |        |                |  |
| General education   | 1, 054                            | 638            | 693            | 223                   | 302                          | 623                            | 259                    | 370  | 1, 438        | 99            | 17            | 480          | 1, 074 |                |  |
| Percent of total, community organization  |                                   |                |                |                       |                              |                                |                        |  |               |               |               |              |        |                |  |
| General education   | 5.1                               | 5.7            | 5.1            | 3.4                   | 15.9                         | 2.4                            | 2.4                    | 2.7  | 3.3           | 27.1          | 33.6          | 5.8          | 4.8    |                |  |
| Occupational training   | 8.9                               | 7.6            | 10.7           | 6.9                   | 9.9                          | 7.4                            | 10.1                   | 9.6  | 7.6           | 27.0          | 13.2          | 12.8         | 7.1    |                |  |
| Community issues  | 42.6                              | 41.1           | 43.7           | 43.7                  | 39.0                         | 45.4                           | 45.5                   | 38.8   | 45.0          | 15.3          | 0             | 50.5         | 39.1   |                |  |
| Personal & family living  | 17.7                              | 21.0           | 16.1           | 13.2                  | 11.6                         | 19.2                           | 13.8                   | 23.0   | 17.8          | 18.8          | 5.7           | 12.7         | 20.0   |                |  |
| Social & recreational lessons   | 26.0                              | 26.9           | 22.9           | 33.2                  | 20.0                         | 26.2                           | 26.6                   | 30.2   | 26.7          | 11.2          | 54.8          | 16.8         | 30.1   |                |  |
| Other   | 3.9                               | 2.2            | 5.9            | 2.4                   | 6.7                          | 2.9                            | 3.3                    | 3.5  | 3.7           | 6.5           | .6            | 4.0          | 3.8    |                |  |
| Not reported  | .3                                | .2             | .5             | .0                    | .0                           | .2                             | 1.2                    | .0   | .3            | 0             | 0             | 7            | 1      |                |  |
| HOSPITAL (numbers in thousands)   |                                   |                |                |                       |                              |                                |                        |  |               |               |               |              |        |                |  |
| General education   | 40                                | 23             | 9              | 8                     | 1                            | 15                             | 9                      | 14   | 40            | 0             | 0             | 11           | 29     |                |  |
| Percent of total, hospital  |                                   |                |                |                       |                              |                                |                        |  |               |               |               |              |        |                |  |
| General education   | 3.2                               | .0             | 14.3           | .0                    | .0                           | .0                             | .0                     | 8.7  | 3.2           | 0             | 0             | .0           | 4.4    |                |  |
| Occupational training   | 45.7                              | 34.3           | 57.0           | 65.3                  | 100.0                        | 44.8                           | 56.3                   | 35.5   | 45.7          | 0             | 0             | 27.5         | 54.4   |                |  |
| Community issues  | 13.1                              | 5.4            | 13.1           | 34.7                  | .0                           | 8.4                            | .0                     | 27.3   | 13.1          | 0             | 0             | 25.0         | 8.6    |                |  |
| Personal & family living  | 1.1                               | 48.3           | 15.7           | .0                    | .0                           | 46.8                           | 28.1                   | 19.6   | 31.1          | 0             | 0             | 38.9         | 28.2   |                |  |
| Social & recreational lessons   | .0                                | .0             | .0             | .0                    | .0                           | .0                             | .0                     | .0   | .0            | 0             | 0             | 0            | 0      |                |  |
| Other   | 6.9                               | 12.0           | .0             | .0                    | .0                           | .0                             | 15.6                   | 8.7  | 6.9           | .0            | .0            | 13.5         | 4.4    |                |  |
| Not reported  | .0                                | .0             | .0             | .0                    | .0                           | .0                             | .0                     | .0   | .0            | 0             | 0             | 0            | 0      |                |  |
| OTHER SPONSORS (numbers in thousands)   |                                   |                |                |                       |                              |                                |                        |  |               |               |               |              |        |                |  |
| General education   | 2, 512                            | 1, 177         | 1, 035         | 300                   | 592                          | 941                            | 489                    | 688  | 2, 325        | 162           | 25            | 1, 348       | 1, 164 |                |  |
| Percent of total, other sponsor   |                                   |                |                |                       |                              |                                |                        |  |               |               |               |              |        |                |  |
| General education   | 9.0                               | 12.7           | 5.7            | 6.0                   | 27.2                         | 4.2                            | 6.7                    | 6.8  | 8.4           | 16.6          | 18.2          | 8.0          | 10.2   |                |  |
| Occupational training   | 42.6                              | 47.2           | 40.4           | 32.1                  | 33.7                         | 44.2                           | 40.7                   | 46.9   | 41.9          | 52.7          | 38.9          | 57.8         | 25.0   |                |  |
| Community issues  | 10.8                              | 7.3            | 12.6           | 18.2                  | 9.9                          | 9.3                            | 10.4                   | 13.6   | 10.8          | 12.0          | 6.6           | 9.9          | 11.9   |                |  |
| Personal & family living  | 16.1                              | 14.5           | 18.7           | 12.9                  | 10.4                         | 16.8                           | 19.0                   | 16.2   | 16.9          | 6.4           | 0             | 12.0         | 20.8   |                |  |
| Social & recreational lessons   | 18.5                              | 15.0           | 19.7           | 28.2                  | 13.1                         | 20.8                           | 21.8                   | 16.2   | 19.4          | 3.7           | 32.3          | 9.3          | 29.3   |                |  |
| Other   | 6.6                               | 6.7            | 6.8            | 5.3                   | 7.9                          | 7.8                            | 5.3                    | 5.0  | 6.4           | 9.6           | 4.1           | 6.2          | 7.0    |                |  |
| Not reported  | .2                                | .3             | .2             | .0                    | .3                           | .1                             | .0                     | .5   | .2            | .6            | .0            | .2           | .3     |                |  |

| NOT REPORTED (numbers in thousands)     | 54   | 28   | 5    | 10   | 9    | 7    | 27   | 49   | 4     | 1    | 29   | 30 |
|---|------|------|------|------|------|------|------|------|-------|------|------|----|
|   |      |      |      |      |      |      |      |      |       |      |      |    |
| General education . . . . .             | 19.1 | 18.8 | 31.5 | 14.4 | 42.9 | .0   | 18.0 | 18.8 | 100.0 | 10.7 | 26.9 |    |
| Occupational training . . . . .         | 28.3 | 9.6  | 68.5 | 12.4 | 29.9 | 0    | 42.8 | 31.7 | 0     | 24.4 | 52.3 |    |
| Community issues . . . . .              | 2.3  | .0   | 0    | 0    | 0    | .0   | 4.4  | 2.5  | 0     | 0    | 0    |    |
| Personal & family living . . . . .      | 4.6  | 4.4  | 5.7  | 12.4 | 0    | 0    | 4.5  | 2.6  | 0     | 0    | 0    |    |
| Social & recreational lessons . . . . . | 4.8  | 4.6  | 6.0  | .0   | 14.1 | 17.2 | .0   | 2.2  | 0     | 10.9 | 0    |    |
| Other . . . . .                         | 4.6  | 4.5  | 5.8  | 12.6 | 27.2 | 0    | 4.6  | 5.1  | 0     | 0    | 4.1  |    |
| Not reported . . . . .                  | 38.3 | 62.3 | .0   | 48.1 | 27.8 | 82.8 | 27.7 | 34.4 | 100.0 | 0    | 2.9  |    |

\* Age 17 or over, not regular full-time students, engaged in one or more activities of organized instruction. Since persons age 17 and over were not asked who they were full-time students, they may be included.

NOTE: --Percent detail may not add to 100.0 because of rounding. Furthermore, for unduplicated counts for the adult education items, percentages may exceed 100.0, since a participant may have engaged in more than one activity and the separate activities could have been for different opinions within a question. But all data are as reported and are not independently tabulated so that a participant was counted only once in a data cell; thus, unduplicated counts were obtained within a data cell and percentages are as shown.

Table 27. --Number of activities taken by participants in adult education,  
by selected adult education aspects: United States, year ending May 1969

| Selected<br>adult education<br>aspects<br><br>(1)   | Total<br>partici-<br>pants <sup>1</sup><br><br>(2) | Numbers of activities taken by participants |                               |                                       |
|---|--|---|-------------------------------|---------------------------------------|
|   |  | Only one<br>activity<br>(3)                 | Only two<br>activities<br>(4) | Three<br>or more<br>activities<br>(5) |
| PARTICIPANT POPULATION (total numbers in thousands) |  |   |                               |                                       |
|   | 13,041   | 9,277                                       | 2,075                         | 1,689                                 |
| Percent of total, participant population            |  |   |                               |                                       |
| Q. 2--ACTIVITY CATEGORY CHOSEN BY PARTICIPANT:      |  |   |                               |                                       |
| General education . . . . .                         | 27.2   | 18.2  | 37.1                          | 64.9                                  |
| Adult basic education . . . . .                     | 4.5  | 4.2   | 4.8                           | 7.8                                   |
| Americanization . . . . .                           | .7   | .8  | .4                            | .8                                    |
| High school & college courses for credit . . . . .  | 22.3   | 13.2  | 32.3                          | 59.9                                  |
| Occupational training . . . . .                     | 44.6   | 45.7  | 45.8                          | 36.9                                  |
| Vocational & technical . . . . .                    | 22.6   | 24.1  | 21.9                          | 15.6                                  |
| Managerial . . . . .                                | 7.2  | 7.1   | 8.8                           | 5.8                                   |
| Professional . . . . .                              | 16.2   | 14.6  | 18.7                          | 21.8                                  |
| Community issues . . . . .                          | 9.2  | 8.7   | 11.5                          | 9.5                                   |
| Civic & public affairs . . . . .                    | 2.1  | 1.8   | 3.0                           | 2.7                                   |
| Religion . . . . .                                  | 5.2  | 5.1   | 6.2                           | 4.6                                   |
| Safety . . . . .                                    | 2.0  | 1.7   | 2.6                           | 2.7                                   |
| Personal & family living . . . . .                  | 12.1   | 11.1  | 18.1                          | 10.4                                  |
| Home & family living . . . . .                      | 3.4  | 3.0   | 5.4                           | 2.8                                   |
| Personal development . . . . .                      | 8.9  | 8.1   | 13.3                          | 8.1                                   |
| Social & recreational lessons . . . . .             | 11.9   | 12.0  | 14.5                          | 8.2                                   |
| Hobbies & handicrafts . . . . .                     | 8.7  | 9.1   | 9.9                           | 5.2                                   |
| Sports lessons . . . . .                            | 3.4  | 2.9   | 5.7                           | 3.6                                   |
| Other . . . . .                                     | 3.9  | 4.1   | 4.2                           | 2.4                                   |
| Not reported . . . . .                              | .5   | .3  | .8                            | 1.3                                   |
| Q. 3--REASON FOR TAKING:                            |  |   |                               |                                       |
| For general information . . . . .                   | 14.2   | 12.1  | 18.3                          | 20.9                                  |
| To improve or advance in job . . . . .              | 45.2   | 42.0  | 52.4                          | 54.0                                  |
| To get a new job . . . . .                          | 10.9   | 10.7  | 10.6                          | 12.5                                  |
| For community activity . . . . .                    | 2.6  | 2.4   | 3.7                           | 2.8                                   |
| For personal or family interests . . . . .          | 19.8   | 19.3  | 24.1                          | 17.4                                  |
| For social or recreational reasons . . . . .        | 6.7  | 6.2   | 9.1                           | 6.1                                   |
| Other . . . . .                                     | 9.6  | 7.2   | 11.6                          | 20.4                                  |
| Not reported . . . . .                              | .4   | .1  | .9                            | 1.3                                   |
| Male (numbers in thousands) . . . . .               | 6,800  | 4,808                                       | 1,064                         | 928                                   |
| Percent of total, males only                        |  |   |                               |                                       |
| For general information . . . . .                   | 13.8   | 11.9  | 17.0                          | 20.0                                  |
| To improve or advance in job . . . . .              | 59.4   | 56.4  | 67.6                          | 65.6                                  |

See footnotes at end of table.

Table 27. -- Number of activities taken by participants in adult education, by selected adult education aspects: United States, year ending May 1969--Continued

| Selected adult education aspects<br>(1)                              | Total participants <sup>1</sup><br>(2) | Numbers of activities taken by participants |                            |                                 |
|--|--|---|----------------------------|---------------------------------|
|  |  | Only one activity<br>(3)                    | Only two activities<br>(4) | Three or more activities<br>(5) |
|  |  |   |                            |                                 |
| Q. 3--REASON FOR TAKING (Continued):                                 |  |   |                            |                                 |
| <u>Male</u> (numbers in thousands) . . . . .                         | 6,800                                  | 4,808                                       | 1,064                      | 928                             |
|  |  | Percent of total, males only                |                            |                                 |
| To get a new job . . . . .   | 9.6                                    | 9.9   | 8.7                        | 8.9                             |
| For community activity . . . . .                                     | 2.1                                    | 1.8   | 3.4                        | 1.7                             |
| For personal or family interests . . . . .                           | 10.2                                   | 9.1   | 15.1                       | 10.4                            |
| For social or recreational reasons . . . . .                         | 4.3                                    | 3.8   | 5                          | 5.6                             |
| Other . . . . .  | 9.3                                    | 7.0   | 11.0                       | 19.3                            |
| Not reported . . . . .   | .2                                     | .0  | .9                         | .7                              |
| <u>Female</u> (numbers in thousands) . . . . .                       | 6,241                                  | 4,469                                       | 1,010                      | 762                             |
|  |  | Percent of total, females only              |                            |                                 |
| For general information . . . . .                                    | 14.7                                   | 12.3  | 19.7                       | 22.1                            |
| To improve or advance in job . . . . .                               | 29.7                                   | 26.5  | 36.3                       | 39.9                            |
| To get a new job . . . . .   | 12.4                                   | 11.5  | 12.6                       | 16.9                            |
| For community activity . . . . .                                     | 3.2                                    | 2.9   | 4.0                        | 4.1                             |
| For personal or family interests . . . . .                           | 30.3                                   | 30.3  | 33.6                       | 25.8                            |
| For social or recreational reasons . . . . .                         | 9.3                                    | 8.9   | 13.2                       | 6.6                             |
| Other . . . . .  | 9.9                                    | 7.3   | 12.2                       | 21.7                            |
| Not reported . . . . .   | .6                                     | .2  | 1.0                        | 2.1                             |
| <b>PARTICIPANT POPULATION</b> (total numbers in thousands) . . . . . | 13,041                                 | 9,277                                       | 2,075                      | 1,689                           |
|  |  | Percent of total, participant population    |                            |                                 |
| Q. 10--COMPLETION:   |  |   |                            |                                 |
| Finished activity . . . . .  | 69.5                                   | 63.4  | 82.0                       | 87.5                            |
| Still taking activity . . . . .                                      | 25.8                                   | 24.3  | 30.5                       | 28.2                            |
| Dropped activity . . . . .   | 9.1                                    | 8.6   | 10.4                       | 10.4                            |
| Not reported . . . . .   | 3.9                                    | 3.6   | 5.0                        | 3.7                             |

<sup>1</sup> Age 17 or over, not regular full-time students, engaged in one or more activities of organized instruction. Since persons age 35 and over were not asked whether they were full-time students, they may be included.

NOTE. --Percent detail may not add to 100.0 because of rounding. Furthermore, for unduplicated counts for the adult education items, percentages may exceed 100.0 because a participant may have engaged in more than one activity and the separate activities could have been for different options within a question. But all data cells were independently tabulated so that a participant was counted only once in a data cell; thus, unduplicated counts were obtained within a data cell and standard errors can be used.

## VII. SPECIAL CONCERNS

The two tables in this section treat topics of special concern to adult educators. Table 28 and chart 6 present the earliest Census data available about education of persons age 35 and over. The total number of courses taken and/or the sum of clock hours of instruction for all activities during the year may indicate the proportion of full-time students among adult education participants age 35 and over. Since 90.4 percent of the people age 35 and over engaged in only one or two activities and most spent less than 3 weeks (not necessarily consecutively) during the entire year on their activities, the number of full-time students among the adult education participants age 35 and over appears to be quite small. The influence of household size on participation in adult education is shown in table 29.

In the presentation of unduplicated data for the adult education items in table 28, columns added up will exceed 100.0 percent and numbers added across rows will exceed totals because a participant may have engaged in more than one activity and the separate activities may have been for different options within a question. But all data cells were independently tabulated so that a participant was counted only once in a data cell; thus, unduplicated counts were obtained within a data cell and standard errors can be used.

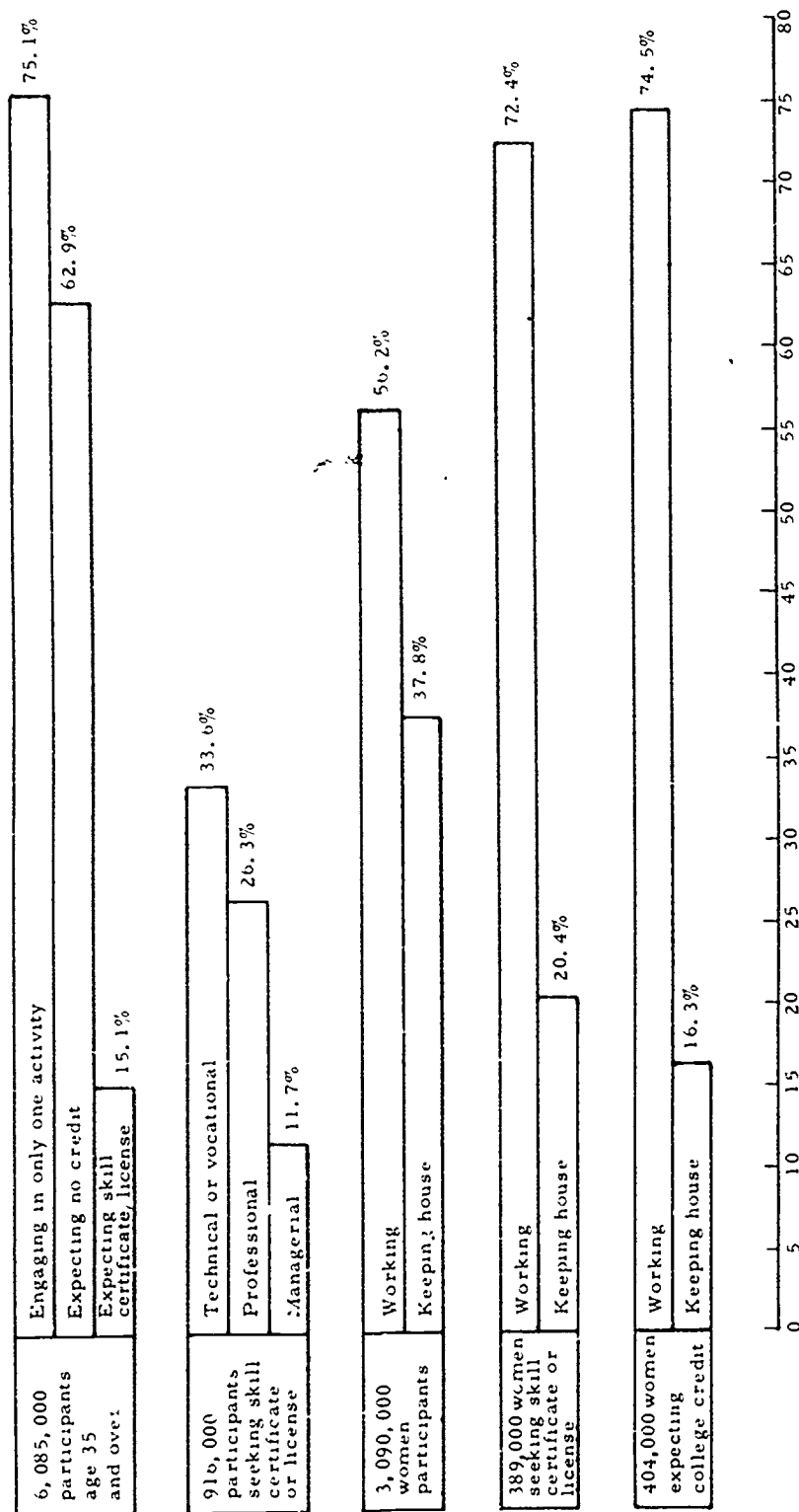
### Selected Findings

Only one course was taken by 75.1 percent of the 6,085,000 participants age 35 and over. No credit was expected by 62.9 percent; credit toward a skill certificate or license was expected by 15.1 percent; and college credit was expected by 12.3 percent. Of the 916,000 participants age 35 and over working for a skill certificate, 33.6 percent were engaged in technical or vocational activities, 26.3 percent in professional courses, and 11.7 in managerial training (table 28).

Of the 3,090,000 women age 35 and over participating in adult education, 56.2 percent were working and 37.8 percent were keeping house. Among the 389,000 women in this age group who were seeking a skill certificate or license, many more (72.4 percent) were employed outside the home than were keeping house (20.4 percent). Of the 404,000 women age 35 and over seeking credit for a college degree, 74.5 percent were working in contrast to 16.3 percent who were keeping house (table 28).

Smaller households had a greater rate of participation in adult education than did larger households even though the latter had more members eligible for adult education. One-adult and two-adult households each had 11.5 percent participation; the percentages for participation decreased steadily as the size of the household increased. No matter how many eligible adults there were in a household, it was very seldom that more than two participated in adult education (table 29).

Chart 6. --Selected characteristics of persons age 35 and over participating in adult education:  
United States, year ending May 1969



Source: Table 28



Table 28. Participant characteristics of adult education courses and participant characteristics  
United States, year ending May 1979

| Participant characteristics | Total<br>participants<br>(thousands) | No credit<br>(%) | 8th-grade<br>or below<br>(%) | Percent of total, participant population aged 18 and over |       | Percent<br>of total<br>population<br>(%) | Percent<br>of total<br>population<br>(%) |
|-----------------------------|--------------------------------------|------------------|------------------------------|---|-------|--|--|
|                             |                                      |                  |                              | 18-24   | 25-64 |  |  |
| Gender                      |                                      |                  |                              |   |       |  |  |
| Male                        | 28.0                                 | 27.9             | 26.0                         | 28.1  | 27.2  | 28.7                                     | 28.7                                     |
| Female                      | 20.0                                 | 20.0             | 20.0                         | 20.0  | 20.0  | 20.0                                     | 20.0                                     |
| Ethnicity                   |                                      |                  |                              |   |       |  |  |
| White                       | 20.3                                 | 20.1             | 20.1                         | 20.1  | 20.1  | 20.1                                     | 20.1                                     |
| Black                       | 1.4                                  | 1.4              | 1.4                          | 1.4   | 1.4   | 1.4                                      | 1.4                                      |
| Hispanic                    | 18.1                                 | 18.2             | 18.1                         | 18.1  | 18.1  | 18.1                                     | 18.1                                     |
| Other                       | 10.1                                 | 10.1             | 10.1                         | 10.1  | 10.1  | 10.1                                     | 10.1                                     |
| Marital status              |                                      |                  |                              |   |       |  |  |
| Married                     | 10.1                                 | 10.1             | 10.1                         | 10.1  | 10.1  | 10.1                                     | 10.1                                     |
| Single                      | 10.1                                 | 10.1             | 10.1                         | 10.1  | 10.1  | 10.1                                     | 10.1                                     |
| Divorced                    | 10.1                                 | 10.1             | 10.1                         | 10.1  | 10.1  | 10.1                                     | 10.1                                     |
| Widowed                     | 10.1                                 | 10.1             | 10.1                         | 10.1  | 10.1  | 10.1                                     | 10.1                                     |
| Other                       | 10.1                                 | 10.1             | 10.1                         | 10.1  | 10.1  | 10.1                                     | 10.1                                     |
| Income                      |                                      |                  |                              |   |       |  |  |
| Less than \$5,000           | 10.1                                 | 10.1             | 10.1                         | 10.1  | 10.1  | 10.1                                     | 10.1                                     |
| \$5,000 to \$10,000         | 10.1                                 | 10.1             | 10.1                         | 10.1  | 10.1  | 10.1                                     | 10.1                                     |
| Over \$10,000               | 10.1                                 | 10.1             | 10.1                         | 10.1  | 10.1  | 10.1                                     | 10.1                                     |
| Education                   |                                      |                  |                              |   |       |  |  |
| Less than high school       | 10.1                                 | 10.1             | 10.1                         | 10.1  | 10.1  | 10.1                                     | 10.1                                     |
| High school graduate        | 10.1                                 | 10.1             | 10.1                         | 10.1  | 10.1  | 10.1                                     | 10.1                                     |
| Some college                | 10.1                                 | 10.1             | 10.1                         | 10.1  | 10.1  | 10.1                                     | 10.1                                     |
| College graduate            | 10.1                                 | 10.1             | 10.1                         | 10.1  | 10.1  | 10.1                                     | 10.1                                     |
| Postgraduate                | 10.1                                 | 10.1             | 10.1                         | 10.1  | 10.1  | 10.1                                     | 10.1                                     |
| Occupational training       | 10.1                                 | 10.1             | 10.1                         | 10.1  | 10.1  | 10.1                                     | 10.1                                     |
| Other                       | 10.1                                 | 10.1             | 10.1                         | 10.1  | 10.1  | 10.1                                     | 10.1                                     |

SEAL OF THE COMMISSION.

| Males (ages 15 and over)                   | 1,865 | 8    | 58   | 527  | 344  | 209  | 27   |
|--|-------|------|------|------|------|------|------|
| Percent of total, males, age 35 and over   |       |      |      |      |      |      |      |
| Working                                    | 92.5  | 67.8 | 90.4 | 92.0 | 94.0 | 96.3 | 90.1 |
| With job but not working                   | 2.7   | .0   | .0   | 3.1  | 3.7  | 3.   | .0   |
| Seeking work                               | 1.0   | 18.7 | 2.2  | .2   | .0   | .0   | .0   |
| Keeping house                              | 1     | 0    | .0   | .0   | .4   | .0   | .0   |
| Going to school                            | 3     | 17.3 | .0   | 1.0  | .8   | .6   | .0   |
| Unable to work                             | 1     | .0   | .0   | .5   | .4   | 0    | .0   |
| Other (including retired)                  | 2.7   | .0   | 7.5  | 3.2  | .7   | 0    | 9.9  |
| <u>Total (ages 15 and over)</u>            | 1,040 | 10   | 85   | 389  | 401  | 152  | 47   |
| Percent of total, females, age 35 and over |       |      |      |      |      |      |      |
| Working                                    | 77.4  | 79.5 | 62.5 | 72.4 | 74.5 | 76.9 | 57.0 |
| With job but not working                   | 1.8   | .0   | 4.9  | 2.3  | 1.5  | .9   | 2.8  |
| Seeking work                               | 1.6   | .0   | 4.5  | 2.6  | 1.0  | 1.7  | 2.7  |
| Keeping house                              | 17.4  | 20.5 | 26.5 | 20.4 | 16.3 | 20.5 | 37.5 |
| Going to school                            | 2     | 0    | 1.6  | 1.3  | 5.9  | 0    | 0    |
| Unable to work                             | 1     | .0   | .0   | .0   | .0   | .0   | .0   |
| Other (including retired)                  | 1.5   | .0   | .0   | 1.0  | 1.0  | .0   | .0   |

3. The following are the names of the persons who have been appointed to the various committees of the Board of Directors:

<sup>2</sup> To see other questions number 3, parts a and b on form CPS-1, See appendix E.

<sup>3</sup> The extent of college study by persons age 35 and over should be revealed by this tabulation of the sum of all instruction time for all activities or courses per participant, by sex and over.

NOTE. --Percent that all may not add to 100.0 because of rounding. Furthermore, for unduplicated counts for the adult education items, percentages up columns may exceed 100.0 and row numbers, and numbers converted from percents across rows, may add to more than totals because a participant may have engaged in more than one activity. If the different activities were for different options within a question, the participant could be tabulated for each option as appropriate. However, a participant with more than one activity for the same option was tabulated only once for that option. All data cells were independently tabulated so that a participant was counted only once in a data cell. Thus an unduplicated count of people was obtained within a data cell, and standard errors can be used.

Table 29. --Influence of household size on participation in adult education:  
United States, year ending May 1969

| Number of<br>adult education<br>participants<br>in a household<br>(1) | Total<br>eligible<br>(2) | Numbers of household members eligible <sup>1</sup><br>for adult education |          |          |          |          | Percent of total, eligible population |                     |
|---|--------------------------|---|----------|----------|----------|----------|---------------------------------------|---------------------|
|   |                          | 1<br>(3)  | 2<br>(4) | 3<br>(5) | 4<br>(6) | 5<br>(7) |                                       | 6 or<br>more<br>(8) |
| ELIGIBLE POPULATION (total<br>numbers in thousands) . . . . .         |                          |   |          |          |          |          |                                       |                     |
|   | 119, 598                 | 15, 928   | 78, 894  | 17, 909  | 5, 257   | 1, 153   | 457                                   |                     |
| 0 . . . . .   | 89.1                     | 88.5  | 88.5     | 90.7     | 92.3     | 93.0     | 93.7                                  |                     |
| 1 . . . . .   | 8.1                      | 11.5  | 8.1      | 6.2      | 5.3      | 3.6      | 3.1                                   |                     |
| 2 . . . . .   | 2.7                      | .0  | 3.4      | 2.5      | 2.0      | 3.4      | 3.2                                   |                     |
| 3 . . . . .   | .1                       | .0  | .0       | .5       | .2       | .0       | .0                                    |                     |
| 4 . . . . .   | .0                       | .0  | .0       | .0       | .2       | .0       | .0                                    |                     |
| 5 or more . . . . .   | .0                       | .0  | .0       | .0       | .0       | .0       | .0                                    |                     |

<sup>1</sup> Noninstitutionalized civilian resident population age 17 and over, excluding persons age 17 - 34 enrolled full time in a regular school or college program.

NOTE. --Percent detail may not add to 100.0 because of rounding.

## VIII. COMPARISON OF CODED ACTIVITIES AND PARTICIPANT-SELECTED CATEGORIES

;

Classification of adult education activities is in the developmental stage. Various schemes are being proposed by different users to aid in accounting, record keeping, statistical comparability, credit conversion, or other purposes. The experience gained in the application of the adult education activity code used in this survey is shared with persons and organizations striving to design a workable system.

The categorical-numerical code employed in this survey is based primarily on motivation of the participant. Details of the code appear in table 10. Condensed into the five primary groupings in table 30, the activities as coded by editors from titles provided by participants in question 1 have been run against categories selected by participants themselves in question 2. If a diagonal is drawn across the table, the percentages will reveal the degree of agreement between the two methods for describing kinds of adult education. First course or activity only has been tabulated in table 31. Table 32 reverses the comparison by running question 2 selections against question 1 codings. The percentages maintain, though a bit unevenly. The second course only appears in table 33.

Adult basic education (ABE) is the focus of table 34 which permits analysis of responses to questions 1 and 2 for this category. Greatest confidence can be placed in the data resulting from agreement by participants and coders in column 2. A similar table, number 35, focuses on vocational and technical education.

In tables 34 and 35, where duplicated counts were possible but unduplicated counts were made for the adult education items, percentages up columns will exceed 100.0 and row numbers, and numbers converted from percentages across rows, may add to more than totals because a participant may have engaged in more than one activity and the separate activities may have been for different options within a question. But all data cells were independently tabulated so that a participant was counted only once in a data cell; thus, unduplicated counts were obtained within a data cell and standard errors can be used.

### Selected Findings

Percentage distribution showed that agreement by coders and participants hovered around 70 percent for all categories of adult education except for personal and family living which fell to 40 percent (tables 30 and 32).

A contributor to some lack of agreement on community issues may have been safety classes which were included among community issues in the coding scheme but were frequently categorized by participants as occupational training (tables 30, 32, and 19).

Adult education activities for which college credit was received evidently were more frequently perceived by the participants as being general education despite the subject matter titles (tables 30 and 31).

The educational backgrounds and occupations of the 208,000 participants whose activities were both perceived and coded as adult basic education reveal that the right people were being served. Regular schooling completed by these participants was none to 8th grade, 52 percent; 9th to 11th grade, 25.8 percent; and high school, 12.5 percent. Persons who were unemployed or not in the labor force comprised 29 percent; service workers, 23.8 percent; operatives including transportation workers, 13.9 percent; craftsmen and kindred, 15.0 percent; and clerical workers, 4.2 percent (table 34).

Of the 2,099,000 participants whose activities were both coded by the editors and perceived by the participants as being vocational and technical education, 60.5 percent were taking the training to improve or advance in a job, 24.3 percent were preparing for a new job, 30.2 percent were taking employer-sponsored or administered training, and 38.5 percent had their adult education financed by their employers (table 35).

Table 30. --Primary groupings of activity categories assigned by coders compared with activity categories chosen by participants, by sex and receipt or expectation of college credit for the adult education: United States, year ending May 1969

| Q. 2--Activity category chosen by participant   | Total activities <sup>1</sup> | Q 1--Activity category assigned by coder        |                                |                           |                                   |  |                                       |
|---|-------------------------------|---|--------------------------------|---------------------------|-----------------------------------|--|---------------------------------------|
|   |                               | General education 1000 (3)                      | Occupational training 2000 (4) | Community issues 3000 (5) | Personal & family living 4000 (6) | Social & recreational lessons 5000 (7) | Miscellaneous & not reported 9000 (8) |
| (1)   | (2)                           | (3)   | (4)                            | (5)                       | (6)                               | (7)                                    | (8)                                   |
| ACTIVITIES (total numbers in thousands) . . . . .   | 20,000                        | 5,507   | 9,431                          | 1,541                     | 1,688                             | 1,651                                  | 18.                                   |
|   |                               | Percent of total, activities                    |                                |                           |                                   |  |                                       |
| General education, items 1-3 . . . . .  | 35.0                          | 78.5  | 23.6                           | 7.1                       | 10.9                              | 7.9                                    | 2.9                                   |
| Occupational training, items 4-6 . . . . .  | 37.2                          | 10.4  | 65.6                           | 12.2                      | 12.1                              | 10.4                                   | 4.4                                   |
| Community issues, items 7-9 . . . . .   | 6.7                           | 1.1   | 2.0                            | 47.6                      | 1.6                               | 1.4                                    | 5.0                                   |
| Personal & family living, items 10-11 . . . . .   | 9.1                           | 6.9   | 3.7                            | 6.7                       | 47                                | 15.6                                   | 4.0                                   |
| Social & recreational lessons, items 12-13 . . . . .  | 8.5                           | 6.9   | 1.5                            | 1.6                       | 26.9                              | 22.7                                   | 5.0                                   |
| Other, item 14 . . . . .  | 2.9                           | 2.1   | 3.2                            | 4.6                       | 2.7                               | 1.6                                    | 9.9                                   |
| Not reported . . . . .  | .5                            | .7  | .5                             | .2                        | .2                                | 2                                      | 6                                     |
| Male (numbers in thousands) . . . . .   | 10,502                        | 2,682   | 5,995                          | 719                       | 493                               | 497                                    | 11.                                   |
|   |                               | Percent of total, activities by males only      |                                |                           |                                   |  |                                       |
| General education, items 1-3 . . . . .  | 33.7                          | 77.9  | 20.8                           | 7.4                       | 10.0                              | 7.7                                    | 14.7                                  |
| Occupational training, items 4-6 . . . . .  | 47.4                          | 13.0  | 70.1                           | 18.6                      | 26.1                              | 20.4                                   | 4.3                                   |
| Community issues, items 7-9 . . . . .   | 5.9                           | 1.0   | 1.7                            | 33.2                      | 2.7                               | 3.4                                    | 3.5                                   |
| Personal & family living, items 10-11 . . . . .   | 9.0                           | 5.4   | 2.9                            | 5.7                       | 30.3                              | 12.7                                   | 9.7                                   |
| Social & recreational lessons, items 12-13 . . . . .  | 4.0                           | 3.3   | 1.5                            | .9                        | 6.7                               | 5.2                                    | 4.5                                   |
| Other, item 14 . . . . .  | 2.6                           | 1.7   | 2.7                            | 4.0                       | 3.7                               | 2.1                                    | 4.2                                   |
| Not reported . . . . .  | .4                            | .6  | .3                             | .2                        | .5                                | .5                                     | 1.2                                   |
| Female (numbers in thousands) . . . . .   | 9,498                         | 2,825   | 3,436                          | 823                       | 1,195                             | 1,154                                  | 6.9                                   |
|   |                               | Percent of total, activities by females only    |                                |                           |                                   |  |                                       |
| General education, items 1-3 . . . . .  | 36.5                          | 78.7  | 28.5                           | 6.8                       | 7.6                               | 8.0                                    | 4.3                                   |
| Occupational training, items 4-6 . . . . .  | 26.0                          | 8.0   | 57.6                           | 6.6                       | 10.5                              | 10.0                                   | 3.9                                   |
| Community issues, items 7-9 . . . . .   | 7.6                           | 1.2   | 2.5                            | 71.4                      | 1.1                               | 3                                      | 4.0                                   |
| Personal & family living, items 10-11 . . . . .   | 12.6                          | 8.3   | 4.9                            | 7.5                       | 44.1                              | 17.1                                   | 7.7                                   |
| Social & recreational lessons, items 12-13 . . . . .  | 13.7                          | 8.8   | 1.6                            | 2.2                       | 14.4                              | 11.8                                   | 7.4                                   |
| Other, item 14 . . . . .  | 3.2                           | 2.4   | 4.1                            | 5.2                       | 2.3                               | 1.4                                    | 1.3                                   |
| Not reported . . . . .  | .6                            | .7  | .9                             | .2                        | .0                                | .0                                     | .6                                    |
| Receipt or expectation of college credit for adult education (numbers in thousands) . . . . . | 5,558                         | 2,840   | 2,291                          | 105                       | 157                               | 148                                    | 1.9                                   |
|   |                               | Percent of total, activities for college credit |                                |                           |                                   |  |                                       |
| General education, items 1-3 . . . . .  | 86.0                          | 61.2  | 68.7                           | 64.3                      | 70.2                              | 63.                                    | 1.4                                   |
| Occupational training, items 4-6 . . . . .  | 17.7                          | 5.7   | 28.4                           | 18.7                      | 11.1                              | 13.2                                   | 1.9                                   |
| Community issues, items 7-9 . . . . .   | .5                            | .1  | .3                             | 15.7                      | .0                                | .6                                     | .6                                    |
| Personal & family living, items 10-11 . . . . .   | 1.4                           | 1.0   | .8                             | .0                        | 12.2                              | 3.4                                    | .6                                    |
| Social & recreational lessons, items 12-13 . . . . .  | .7                            | .2  | 1                              | .0                        | .8                                | 1.7                                    | .6                                    |
| Other, item 14 . . . . .  | 1.5                           | 1.5   | 1.3                            | 1.4                       | 1.7                               | 1.7                                    | 1.7                                   |
| Not reported . . . . .  | .2                            | .3  | .2                             | .0                        | .0                                | .0                                     | .0                                    |

<sup>1</sup> All activities were tabulated.

NOTE. --Percent detail may not add to 100.0 because of rounding.

Table 31.--Primary groupings of activity categories assigned by coders compared with activity categories chosen by participants, for first activity only, by sex and receipt or expectation of college credit for the adult education, United States, year ending May 1969

| Q. 2--Activity category chosen by participant  | Total, first activity only<br>(2) | Q. 1--Category assigned by coder for first activity only |                                      |                                 |   |  | Masculine & not reported<br>(8) |
|--|-----------------------------------|--|--------------------------------------|---------------------------------|---|--|---------------------------------|
|  |                                   | General education<br>1000<br>(3)                         | Occupational training<br>2000<br>(4) | Community issues<br>3000<br>(5) | Personal & family living<br>4000<br>(6) | Social & recreational lessons<br>5000<br>(7) |                                 |
| (1)  |                                   |  |                                      |                                 |   |  |                                 |
| FIRST COURSE OR ACTIVITY (numbers in thousands)  | 18,041                            | 2,851  | 9,500                                | 1,080                           | 1,250                                   | 1,228  |                                 |
|  |                                   | Percent of total, first activity only                    |                                      |                                 |   |  |                                 |
| General education, items 1-3 . . . . .   | 26.1                              | 73.5   | 16.8                                 | 4.2                             | 6.2                                     | 4.1  | 29.8                            |
| Occupational training, items 4-6 . . . . .   | 41.0                              | 11.5   | 71.0                                 | 11.6                            | 15.3                                    | 10.4   | 1.1                             |
| Community issues, items 7-9 . . . . .  | 7.6                               | 1.5  | 2.2                                  | 71.1                            | 1.5                                     | 1.2  | 2.8                             |
| Personal & family living, items 10-11 . . . . .  | 10.4                              | 9.9  | 4.0                                  | 6.5                             | 43.7                                    | 15.1   | 7.2                             |
| Social & recreational lessons, items 12-13 . . . . .   | 10.2                              | 2.7  | 1.6                                  | 1.5                             | 29.4                                    | 6.7  | 3.0                             |
| Other, item 14 . . . . .   | 3.5                               | 2.9  | 3.9                                  | 5.0                             | 2.9                                     | 1.7  | 11.7                            |
| Not reported . . . . .   | .3                                | .4   | .4                                   | .1                              | .1                                      | .3   | 0                               |
| Male (numbers in thousands) . . . . .  | 9,800                             | 1,412  | 4,130                                | 495                             | 338                                     | 352  | 6.3                             |
|  |                                   | Percent of total, first activity by males only           |                                      |                                 |   |  |                                 |
| General education, items 1-3 . . . . .   | 24.9                              | 71.7   | 14.3                                 | 4.4                             | 11.6                                    | 3.3  | 19.9                            |
| Occupational training, items 4-6 . . . . .   | 53.6                              | 15.5   | 75.4                                 | 17.6                            | 29.5                                    | 21.7   | 59.6                            |
| Community issues, items 7-9 . . . . .  | 9.9                               | 1.7  | 2.0                                  | 67.8                            | 3.2                                     | 4.3  | 6.9                             |
| Personal & family living, items 10-11 . . . . .  | 6.8                               | 8.5  | 3.2                                  | 5.0                             | 41.6                                    | 11.8   | 4.3                             |
| Social & recreational lessons, items 12-13 . . . . .   | 4.4                               | .4   | 1.6                                  | .8                              | 9.3                                     | 56.2   | 1.5                             |
| Other, item 14 . . . . .   | 3.3                               | 1.9  | 3.4                                  | 4.4                             | 4.3                                     | 2.7  | 10.8                            |
| Not reported . . . . .   | .2                                | .5   | .1                                   | .0                              | .4                                      | .0   | .0                              |
| Female (numbers in thousands) . . . . .  | 9,241                             | 1,438  | 2,376                                | 585                             | 912                                     | 806  | 40                              |
|  |                                   | Percent of total, first activity by females only         |                                      |                                 |   |  |                                 |
| General education, items 1-3 . . . . .   | 27.4                              | 75.3   | 21.2                                 | 4.1                             | 4.7                                     | 5.0  | 29.8                            |
| Occupational training, items 4-6 . . . . .   | 29.1                              | 7.6  | 63.3                                 | 6.5                             | 10.7                                    | 6.2  | 33.1                            |
| Community issues, items 7-9 . . . . .  | 8.4                               | 1.2  | 2.7                                  | 73.8                            | .9                                      | .1   | 3.2                             |
| Personal & family living, items 10-11 . . . . .  | 14.3                              | 11.3   | 5.5                                  | 7.7                             | 44.4                                    | 16.2   | 13.9                            |
| Social & recreational lessons, items 12-13 . . . . .   | 10.6                              | 1.1  | 1.9                                  | 2.1                             | 36.9                                    | 70.5   | 6.3                             |
| Other, item 14 . . . . .   | 3.7                               | 3.3  | 4.7                                  | 5.5                             | 2.4                                     | 1.7  | 13.7                            |
| Not reported . . . . .   | .5                                | .2   | .9                                   | .2                              | .0                                      | .3   | .0                              |
| Receipt or expectation of college credit for adult education, first activity only (numbers in thousands) . . . . . | 2,499                             | 1,214  | 1,096                                | 42                              | 67                                      | 72   | 8                               |
|  |                                   | Percent of total, first activity for college credit      |                                      |                                 |   |  |                                 |
| General education, items 1-3 . . . . .   | 75.8                              | 90.2   | 63.8                                 | 54.7                            | 57.3                                    | 48.2   | 49.7                            |
| Occupational training, items 4-6 . . . . .   | 18.8                              | 6.1  | 33.2                                 | 16.4                            | 15.8                                    | 17.9   | 35.9                            |
| Community issues, items 7-9 . . . . .  | 6.7                               | 1.1  | .5                                   | 28.9                            | .0                                      | .0   | .0                              |
| Personal & family living, items 10-11 . . . . .  | 1.8                               | 1.2  | 1.1                                  | .0                              | 21.0                                    | 5.4  | .0                              |
| Social & recreational lessons, items 12-13 . . . . .   | .9                                | .1   | .0                                   | .0                              | .0                                      | .0   | .0                              |
| Other, item 14 . . . . .   | 1.8                               | 2.3  | 1.4                                  | .0                              | 1.9                                     | 28.5   | .0                              |
| Not reported . . . . .   | .1                                | .1   | .0                                   | .0                              | 3.9                                     | .0   | 14.6                            |

NOTE.--Percent detail may not add to 100.0 because of rounding.

Table 32. -- Primary groupings of activity categories chosen by participants compared with activity categories assigned by coders, by sex and receipt or expectation of college credit for the adult education: United States, year ending May 1969

| Q 1--Activity categories assigned by coders<br>(1)  | Total activities <sup>1</sup><br>(2) | Q 2--Activity category chosen by participant |                                  |                             |                                       |  | Activity categories not reported<br>(9) |
|---|--------------------------------------|--|----------------------------------|-----------------------------|---------------------------------------|--|---|
|   |                                      | General education 1-3<br>(3)                 | Occupational training 4-6<br>(4) | Community issues 7-9<br>(5) | Personal & family living 10-11<br>(6) | Social & recreational lessons 12-13<br>(7) | Other<br>(8)                            |
| ACTIVITIES (total numbers in thousands) . . . . .   | 20,000                               | 7,009  | 7,449                            | 1,345                       | 1,828                                 | 1,698                                      | 577                                     |
| Percent of total, activities  |                                      |  |                                  |                             |                                       |  |   |
| General education, code 1000 . . . . .  | 27.5                                 | 61.5   | 7.7                              | 4.5                         | 20.9                                  | 1.9  | 19.8                                    |
| Occupational training, code 2000 . . . . .  | 17.2                                 | 31.7   | 83.0                             | 13.7                        | 18.9                                  | 8.4  | 52.3                                    |
| Community issues, code 3000 . . . . .   | 7.7                                  | 1.6  | 2.5                              | 77.5                        | 5.6                                   | 1.5  | 12.3                                    |
| Personal & family living, code 4000 . . . . .   | 8.4                                  | 2.6  | 3.4                              | 2.0                         | 39.5                                  | 26.7                                       | 7.9                                     |
| Social & recreational lessons, code 5000 . . . . .  | 8.3                                  | 1.9  | 2.3                              | 1.7                         | 14.2                                  | 61.0                                       | 4.6                                     |
| Miscellaneous & not reported, code 9000 . . . . .   | .9                                   | .7   | 1.1                              | .7                          | .9                                    | .5   | 3.1                                     |
| Male (numbers in thousands) . . . . .   | 10,502                               | 3,539  | 4,980                            | 620                         | 631                                   | 416  | 274                                     |
| Percent of total, activities by males only  |                                      |  |                                  |                             |                                       |  |   |
| General education, code 1000 . . . . .  | 25.5                                 | 59.1   | 7.0                              | 4.3                         | 23.1                                  | 2.1  | 16.6                                    |
| Occupational training, code 2000 . . . . .  | 57.1                                 | 35.2   | 84.4                             | 16.1                        | 28.0                                  | 21.2                                       | 59.0                                    |
| Community issues, code 3000 . . . . .   | 6.8                                  | 1.5  | 2.7                              | 73.3                        | 6.5                                   | 1.6  | 10.4                                    |
| Personal & family living, code 4000 . . . . .   | 4.7                                  | 2.6  | 2.6                              | 2.2                         | 30.7                                  | 10.3                                       | 6.6                                     |
| Social & recreational lessons, code 5000 . . . . .  | 5.7                                  | 1.1  | 2.0                              | 3.1                         | 10.6                                  | 63.6                                       | 3.8                                     |
| Miscellaneous & not reported, code 9000 . . . . .   | 1.1                                  | .5   | 1.3                              | 1.0                         | 1.7                                   | 1.2  | 3.4                                     |
| Female (numbers in thousands) . . . . .   | 9,498                                | 3,470  | 2,469                            | 724                         | 1,196                                 | 1,281                                      | 303                                     |
| Percent of total, activities by females only  |                                      |  |                                  |                             |                                       |  |   |
| General education, code 1000 . . . . .  | 29.7                                 | 64.0   | 9.1                              | 4.6                         | 19.7                                  | 1.8  | 22.6                                    |
| Occupational training, code 2000 . . . . .  | 36.2                                 | 28.3   | 80.1                             | 11.7                        | 14.1                                  | 4.2  | 46.4                                    |
| Community issues, code 3000 . . . . .   | 8.7                                  | 1.6  | 2.2                              | 81.1                        | 5.2                                   | 1.4  | 14.1                                    |
| Personal & family living, code 4000 . . . . .   | 12.9                                 | 2.6  | 5.1                              | 1.8                         | 44.1                                  | 32.1                                       | 9.0                                     |
| Social & recreational lessons, code 5000 . . . . .  | 12.1                                 | 2.7  | 2.8                              | .5                          | 16.5                                  | 60.2                                       | 5.4                                     |
| Miscellaneous & not reported, code 9000 . . . . .   | .7                                   | .8   | .6                               | .4                          | .5                                    | .3   | 2.6                                     |
| Receipt or expectation of college credit for adult education (numbers in thousands) . . . . . | 5,558                                | 4,445  | 873                              | 28                          | 76                                    | 0  | 82                                      |
| Percent of total, activities for college credit   |                                      |  |                                  |                             |                                       |  |   |
| General education, code 1000 . . . . .  | 51.1                                 | 58.2   | 18.4                             | 13.5                        | 36.0                                  | 15.7                                       | 52.9                                    |
| Occupational training, code 2000 . . . . .  | 41.2                                 | 35.4   | 74.6                             | 27.9                        | 24.4                                  | 8.3  | 37.7                                    |
| Community issues, code 3000 . . . . .   | 1.9                                  | 1.5  | 2.2                              | 58.6                        | .0                                    | .0   | 1.8                                     |
| Personal & family living, code 4000 . . . . .   | 2.8                                  | 2.5  | 2.0                              | 6                           | 32.9                                  | 3.2  | 3.2                                     |
| Social & recreational lessons, code 5000 . . . . .  | 2.7                                  | 2.1  | 2.2                              | .0                          | 6.6                                   | 72.8                                       | .0                                      |
| Miscellaneous & not reported, code 9000 . . . . .   | .3                                   | .2   | .5                               | .0                          | .0                                    | .0   | 4.5                                     |

<sup>1</sup> All activities were tabulated.

NOTE. --Percent detail may not add to 100.0 because of rounding.



Table 33.--Primary groupings of activity categories chosen by participants compared with activity categories assigned by coders, for second activity only, by sex and receipt or expectation of college credit for the adult education: United States, year ending May 1969

| Q. 1--Activity categories assigned by coders<br>(1)   | Total, second activity only<br>(2) | Q. 2--Category chosen by participant for second activity only |                                     |                                |  |   |              | Activity categories not reported<br>(9) |
|---|------------------------------------|---|-------------------------------------|--------------------------------|--|---|--------------|---|
|   |                                    | General education<br>1-3<br>(3)                               | Occupational training<br>4-6<br>(4) | Community issues<br>7-9<br>(5) | Personal & family living<br>10-11<br>(6) | Social & recreational lessons<br>12-13<br>(7) | Other<br>(8) |   |
| SECOND COURSE OR ACTIVITY (numbers in thousands)  | 3,764                              | 1,645   | 1,176                               | 233                            | 334                                      | 268   | 84           | 25                                      |
| Percent of total, second activity only  |                                    |   |                                     |                                |  |   |              |   |
| General education, code 1000 . . . . .  | 34.4                               | 43.1  | 10.9                                | 3.1                            | 20.8                                     | 3.3   | 39.4         | 54.0                                    |
| Occupational training, code 2000 . . . . .  | 42.1                               | 30.0  | 79.6                                | 10.6                           | 18.2                                     | 9.5   | 42.3         | 42.0                                    |
| Community issues, code 3000 . . . . .   | 7.8                                | 1.5   | 3.4                                 | 80.6                           | 6.8                                      | 2.6   | 11.0         | 5.0                                     |
| Personal & family living, code 4000 . . . . .   | 7.6                                | 3.0   | 3.3                                 | 2.3                            | 37.7                                     | 22.6  | 7.9          | .0                                      |
| Social & recreational lessons, code 5000 . . . . .  | 7.5                                | 1.7   | 2.4                                 | 2.8                            | 16.0                                     | 61.0  | 1.6          | .0                                      |
| Miscellaneous & not reported, code 9000 . . . . .   | .6                                 | .7  | .5                                  | .6                             | .3                                       | .9  | 3.0          | .0                                      |
| Male (numbers in thousands) . . . . .   | 1,992                              | 856   | 806                                 | 105                            | 127                                      | 72  | 36           | 11                                      |
| Percent of total, second activity by males only   |                                    |   |                                     |                                |  |   |              |   |
| General education, code 1000 . . . . .  | 31.5                               | 60.5  | 9.3                                 | 1.2                            | 16.6                                     | 3.3   | 43.7         | 44.6                                    |
| Occupational training, code 2000 . . . . .  | 50.8                               | 33.2  | 81.7                                | 8.7                            | 27.4                                     | 15.7  | 45.4         | 44.5                                    |
| Community issues, code 3000 . . . . .   | 7.4                                | 1.8   | 3.6                                 | 83.7                           | 9.0                                      | 1.9   | 4.1          | 10.8                                    |
| Personal & family living, code 4000 . . . . .   | 4.8                                | 3.2   | 2.4                                 | 2.5                            | 32.1                                     | 5.5   | 2.8          | .0                                      |
| Social & recreational lessons, code 5000 . . . . .  | 5.0                                | .9  | 2.2                                 | 3.9                            | 14.0                                     | 69.9  | 3.9          | .0                                      |
| Miscellaneous & not reported, code 9000 . . . . .   | .5                                 | .3  | .7                                  | .0                             | .9                                       | 1.8   | .0           | .0                                      |
| Female (numbers in thousands) . . . . .   | 1,772                              | 808   | 371                                 | 128                            | 207                                      | 196   | 50           | 13                                      |
| Percent of total, second activity by females only   |                                    |   |                                     |                                |  |   |              |   |
| General education, code 1000 . . . . .  | 37.7                               | 65.9  | 14.1                                | 4.7                            | 23.4                                     | 2.6   | 31.2         | 60.3                                    |
| Occupational training, code 2000 . . . . .  | 32.4                               | 26.6  | 75.0                                | 12.2                           | 12.6                                     | 7.2   | 40.1         | 39.7                                    |
| Community issues, code 3000 . . . . .   | 8.2                                | 1.2   | 3.0                                 | 76.0                           | 5.5                                      | 2.9   | 1.7          | .0                                      |
| Personal & family living, code 4000 . . . . .   | 10.7                               | 2.8   | 5.1                                 | 2.2                            | 41.2                                     | 28.8  | 7.9          | .0                                      |
| Social & recreational lessons, code 5000 . . . . .  | 10.3                               | 2.6   | 2.7                                 | 1.9                            | 17.3                                     | 57.8  | .0           | .0                                      |
| Miscellaneous & not reported, code 9000 . . . . .   | .7                                 | 1.0   | .0                                  | 1.1                            | .0                                       | .6  | .0           | .0                                      |
| Receipt or expectation of college credit for adult education, second activity only (numbers in thousands) | 1,372                              | 1,104   | 203                                 | 1                              | 24                                       | 14  | 21           | 4                                       |
| Percent of total, second activity for college credit  |                                    |   |                                     |                                |  |   |              |   |
| General education, code 1000 . . . . .  | 54.4                               | 60.7  | 24.3                                | 100.0                          | 37.2                                     | 37.2  | 39.7         | 64.1                                    |
| Occupational training, code 2000 . . . . .  | 37.5                               | 32.7  | 68.1                                | .0                             | 21.1                                     | .0  | 42.9         | 35.9                                    |
| Community issues, code 3000 . . . . .   | 1.7                                | 1.6   | 2.2                                 | .0                             | .0                                       | .0  | .3           | .0                                      |
| Personal & family living, code 4000 . . . . .   | 3.1                                | 2.4   | 2.7                                 | .0                             | 4.6                                      | .0  | .0           | .0                                      |
| Social & recreational lessons, code 5000 . . . . .  | 2.7                                | 2.0   | 2.7                                 | .0                             | .0                                       | 2.8   | .0           | .0                                      |
| Miscellaneous & not reported, code 9000 . . . . .   | .7                                 | .6  | .0                                  | .0                             | .0                                       | .0  | 11.1         | .0                                      |

NOTE.--Percent detail may not add to 100.0 because of rounding.

Table 34.--Participants whose activities were perceived by the participant and/or assigned by the coders as being adult basic education, by selected adult education aspects and participant characteristics: United States, year ending May 1969

| Selected adult education aspects and participant characteristics<br>(1) | Adult basic education                                |                                    |                                |   |
|---|--|------------------------------------|--------------------------------|---|
|   | Perceived <sup>1</sup> and coded <sup>2</sup><br>(2) | Perceived <sup>1</sup> only<br>(3) | Coded <sup>2</sup> only<br>(4) | Perceived <sup>1</sup> and/or coded <sup>2</sup><br>(5) |
| PARTICIPANTS IN ADULT BASIC EDUCATION (numbers in thousands) . . . . .  |  |                                    |                                |   |
|   | 208  | 408                                | 42                             | 623   |
| Percent of total, participants in adult basic education                 |  |                                    |                                |   |
| Q. 3--REASON FOR TAKING:  |  |                                    |                                |   |
| For general information . . . . .                                       | 37.6   | 33.5                               | 14.6                           | 33.5  |
| To improve or advance in job . . . . .                                  | 31.9   | 25.9                               | 44.5                           | 29.3  |
| To get a new job . . . . .  | 6.3  | 7.1                                | 9.4                            | 7.2   |
| For community activity . . . . .  | .0   | .6                                 | .0                             | .4  |
| For personal or family interests . . . . .                              | 15.2   | 18.0                               | 17.2                           | 16.7  |
| For social or recreational reasons . . . . .                            | 2.0  | 1.3                                | 3.4                            | 1.5   |
| Other . . . . .   | 7.1  | 13.3                               | 13.7                           | 11.6  |
| Not reported . . . . .  | .0   | .0                                 | .0                             | .0  |
| Q. 4--SPONSOR OR ADMINISTRATOR:   |  |                                    |                                |   |
| Public grade school or high school . . . . .                            | 50.3   | 52.5                               | 26.2                           | 50.6  |
| Public 2-year college or technical institute . . . . .                  | 5.3  | 11.8                               | 12.0                           | 9.7   |
| Private vocational, trade, or business school . . . . .                 | 4.0  | 4.4                                | 8.5                            | 4.8   |
| Four-year college or university . . . . .                               | 6.2  | 8.0                                | 43.4                           | 9.4   |
| Employer . . . . .  | 4.9  | 6.8                                | 6.4                            | 6.3   |
| Community organization . . . . .  | 9.1  | 8.5                                | 3.4                            | 8.6   |
| Hospital . . . . .  | .0   | .0                                 | .0                             | .0  |
| Other . . . . .   | 21.4   | 9.7                                | 2.9                            | 12.5  |
| Not reported . . . . .  | .0   | .0                                 | .0                             | .0  |
| Q. 12--PAYMENT:   |  |                                    |                                |   |
| Self or family . . . . .  | 19.8   | 35.7                               | 67.1                           | 46.6  |
| Employer . . . . .  | 10.0   | 9.3                                | 6.1                            | 9.6   |
| Government . . . . .  | 9.5  | 3.9                                | 17.6                           | 6.7   |
| Other . . . . .   | 62.4   | 31.4                               | 15.6                           | 38.5  |
| Do not know . . . . .   | 9.5  | 3.9                                | 17.6                           | 6.7   |
| Not reported . . . . .  | 7.1  | 2.4                                | 3.0                            | 3.9   |
| Regular school completed:   |  |                                    |                                |   |
| None - 8th grade . . . . .  | 52.0   | 18.3                               | 6.3                            | 27.4  |
| 9th - 11th grade . . . . .  | 25.8   | 23.5                               | 19.8                           | 23.5  |
| High school graduate . . . . .  | 12.5   | 30.9                               | 33.5                           | 25.9  |
| Some college . . . . .  | 1.9  | 15.9                               | 5.7                            | 11.4  |
| College graduate . . . . .  | 5.9  | 6.2                                | 25.8                           | 7.6   |
| Postgraduate . . . . .  | 1.8  | 5.3                                | 8.9                            | 4.3   |
| Race:   |  |                                    |                                |   |
| White . . . . .   | 57.9   | 80.4                               | 61.5                           | 73.4  |
| Black . . . . .   | 39.5   | 16.3                               | 38.5                           | 23.9  |
| Other . . . . .   | 2.6  | 3.3                                | .0                             | 2.7   |

See footnotes at end of table.

Table 34. -- Participants whose activities were perceived by the participant and/or assigned by the coders as being adult basic education, by selected adult education aspects and participant characteristics: United States, year ending May 1969--Continued

| Selected adult education aspects and participant characteristics<br>(1) | Adult basic education                                |                                    |                                |   |
|---|--|------------------------------------|--------------------------------|---|
|   | Perceived <sup>1</sup> and coded <sup>2</sup><br>(2) | Perceived <sup>1</sup> only<br>(3) | Coded <sup>2</sup> only<br>(4) | Perceived <sup>1</sup> and/or coded <sup>2</sup><br>(5) |
| <b>PARTICIPANTS IN ADULT BASIC EDUCATION</b>                            |  |                                    |                                |   |
| EDUCATION (numbers in thousands) . . . . .                              | 208  | 408                                | 42                             | 623   |
| Percent of total, participants in adult basic education                 |  |                                    |                                |   |
| <u>Employment status:</u>   |  |                                    |                                |   |
| Working . . . . .   | 67.9   | 70.4                               | 62.3                           | 69.5  |
| With job but not working . . . . .                                      | 3.1  | 3.0                                | 5.8                            | 3.2   |
| Seeking work . . . . .  | 2.3  | 2.3                                | 14.4                           | 3.3   |
| Keeping house . . . . .   | 17.0   | 19.3                               | 10.9                           | 17.5  |
| Going to school . . . . .   | 3.1  | 1.8                                | 6.6                            | 2.7   |
| Unable to work . . . . .  | 1.4  | .0                                 | .0                             | .5  |
| Other (including retired) . . . . .                                     | 5.2  | 3.2                                | .0                             | 3.4   |
| <u>Occupation:</u>  |  |                                    |                                |   |
| Professional/technical . . . . .  | 6.2  | 13.7                               | 40.6                           | 13.2  |
| Engineers . . . . .   | .7   | .6                                 | .0                             | .6  |
| Medical/health . . . . .  | .0   | 1.6                                | 2.9                            | 1.3   |
| Teachers, except college . . . . .                                      | 3.6  | 5.8                                | 28.7                           | 6.5   |
| Other professional/technical . . . . .                                  | 1.9  | 5.7                                | 9.0                            | 4.8   |
| Farmers, farm managers, foremen, & laborers . . . . .                   | 6.2  | 1.2                                | 3.4                            | 2.9   |
| Managers & administrators . . . . .                                     | 1.0  | 4.0                                | 3.0                            | 3.2   |
| Sales . . . . .   | .7   | 4.1                                | 6.6                            | 3.4   |
| Clerical . . . . .  | 4.2  | 15.4                               | 5.6                            | 11.5  |
| Craftsmen & kindred . . . . .   | 15.0   | 7.5                                | .0                             | 9.5   |
| Operatives . . . . .  | 13.9   | 14.9                               | 5.6                            | 13.3  |
| Service workers, domestics, & nonfarm laborers . . . . .                | 23.8   | 12.5                               | 3.4                            | 15.8  |
| Unemployed or not in labor force . . . . .                              | 29.0   | 26.6                               | 31.9                           | 27.3  |

<sup>1</sup> Q. 2. -- Activity categories chosen by participants.

<sup>2</sup> Q. 1. -- Activity categories assigned by coders.

NOTE. -- Percent detail may not add to 100.0 because of rounding. Furthermore, for unduplicated counts for the adult education items, percentages up columns may exceed 100.0 and row numbers, and numbers converted from percents across rows, may add to more than totals because a participant may have engaged in more than one activity. If the different activities were for different options within a question, the participant could have been tabulated for each option as appropriate. However, a participant with more than one activity for the same option was tabulated only once for that option. (Additionally, for question 12 the participant was permitted to respond to more than one option for the same activity.) All data cells were independently tabulated so that a participant was counted only once in a data cell. Thus, an unduplicated count of people was obtained within a data cell, and standard errors can be used.

Table 35.--Participants whose activities were perceived by the participant and/or assigned by the coders as being vocational and technical training, by selected adult education aspects and participant characteristics: United States, year ending May 1969

| Selected adult education aspects and participant characteristics<br>(1)            | Vocational and technical training                    |                                    |                                |   |
|--|--|------------------------------------|--------------------------------|---|
|  | Perceived <sup>1</sup> and coded <sup>2</sup><br>(2) | Perceived <sup>1</sup> only<br>(3) | Coded <sup>2</sup> only<br>(4) | Perceived <sup>1</sup> and/or coded <sup>2</sup><br>(5) |
| PARTICIPANTS IN VOCATIONAL AND TECHNICAL TRAINING (numbers in thousands) . . . . . | 2,099  | <sup>3</sup> 906                   | <sup>3</sup> 1,883             | 5,325   |
| Percent of total, participants in vocational and technical training                |  |                                    |                                |   |
| Q. 3--REASON FOR TAKING:   |  |                                    |                                |   |
| For general information . . . . .  | 7.7  | 9.6                                | 10.2                           | 12.1  |
| To improve or advance in job . . . . .   | 60.5   | 62.1                               | 53.4                           | 55.2  |
| To get a new job . . . . .   | 24.3   | 15.8                               | 13.4                           | 17.6  |
| For community activity . . . . .   | .3   | .9                                 | 1.4                            | .8  |
| For personal or family interests . . . . .   | 5.2  | 7.7                                | 12.6                           | 9.7   |
| For social or recreational reasons . . . . .                                       | .3   | .2                                 | 2.7                            | 1.3   |
| Other . . . . .  | 2.7  | 4.6                                | 7.5                            | 5.8   |
| Not reported . . . . .   | .0   | .0                                 | .0                             | .0  |
| Q. 4--SPONSOR OR ADMINISTRATOR:  |  |                                    |                                |   |
| Public grade school or high school . . . . .                                       | 12.1   | 7.5                                | 13.1                           | 16.3  |
| Public 2-year college or technical institute . . . . .                             | 15.1   | 10.6                               | 13.9                           | 14.2  |
| Private vocational, trade, or business school . . . . .                            | 24.8   | 19.2                               | 12.9                           | 17.7  |
| Four-year college or university . . . . .  | 3.6  | 10.8                               | 19.6                           | 11.1  |
| Employer . . . . .   | 30.2   | 30.9                               | 19.0                           | 24.3  |
| Community organization . . . . .   | 1.7  | 2.5                                | 4.0                            | 3.7   |
| Hospital . . . . .   | .1   | .0                                 | .8                             | .3  |
| Other . . . . .  | 14.1   | 19.9                               | 16.0                           | 15.8  |
| Not reported . . . . .   | .1   | .4                                 | .4                             | .3  |
| Q. 12--PAYMENT:  |  |                                    |                                |   |
| Self or family . . . . .   | 42.2   | 41.1                               | 53.2                           | 46.7  |
| Employer . . . . .   | 38.5   | 44.3                               | 31.5                           | 34.2  |
| Government . . . . .   | 2.7  | 2.2                                | 1.9                            | 2.9   |
| Other . . . . .  | 22.1   | 17.7                               | 19.4                           | 22.5  |
| Do not know . . . . .  | 2.7  | 2.3                                | 1.9                            | 2.9   |
| Not reported . . . . .   | .8   | .1                                 | .7                             | 1.0   |
| Regular school completed:  |  |                                    |                                |   |
| None - 8th grade . . . . .   | 6.6  | 3.9                                | 3.5                            | 7.6   |
| 9th - 11th grade . . . . .   | 14.2   | 9.0                                | 8.7                            | 12.7  |
| High school graduate . . . . .   | 58.4   | 49.0                               | 43.7                           | 48.0  |
| Some college . . . . .   | 13.8   | 23.8                               | 23.5                           | 18.3  |
| College graduate . . . . .   | 4.9  | 9.5                                | 12.2                           | 8.4   |
| Postgraduate . . . . .   | 2.2  | 4.9                                | 8.4                            | 4.9   |
| Race:  |  |                                    |                                |   |
| White . . . . .  | 88.8   | 89.8                               | 90.5                           | 87.7  |
| Black . . . . .  | 10.3   | 8.6                                | 8.6                            | 11.1  |
| Other . . . . .  | .9   | 1.6                                | .9                             | 1.2   |

See footnotes at end of table.

Table 35. --Participants whose activities were perceived by the participant and/or assigned by the coders as being vocational and technical training, by selected adult education aspects and participant characteristics:  
United States, year ending May 1969--Continued

| Selected<br>adult education aspects<br>and<br>participant<br>characteristics<br>(1) | Vocational and technical training                          |                                       |                                   |   |
|---|--|---------------------------------------|-----------------------------------|---|
|   | Perceived <sup>1</sup><br>and<br>coded <sup>2</sup><br>(2) | Perceived <sup>1</sup><br>only<br>(3) | Coded <sup>2</sup><br>only<br>(4) | Perceived <sup>1</sup><br>and/or<br>coded <sup>2</sup><br>(5) |
| <b>PARTICIPANTS IN VOCATIONAL AND TECHNICAL TRAINING (numbers in thousands)</b>     |  |                                       |                                   |   |
|   | 2,099  | <sup>3</sup> 966                      | <sup>3</sup> 1,883                | 5,325   |
| Percent of total, participants in vocational and technical training                 |  |                                       |                                   |   |
| <u>Employment status:</u>   |  |                                       |                                   |   |
| Working . . . . .   | 83.7   | 85.8                                  | 81.3                              | 81.7  |
| With job but not working . . . . .  | 3.4  | 2.3                                   | 2.0                               | 2.7   |
| Seeking work . . . . .  | 2.5  | 2.5                                   | 1.9                               | 2.4   |
| Keeping house . . . . .   | 6.9  | 7.0                                   | 11.6                              | 9.7   |
| Going to school . . . . .   | 1.5  | 1.0                                   | 1.4                               | 1.5   |
| Unable to work . . . . .  | .1   | .1                                    | .4                                | .3  |
| Other (including retired) . . . . .   | 1.9  | 1.2                                   | 1.4                               | 1.7   |
| <u>Occupation:</u>  |  |                                       |                                   |   |
| Professional/technical . . . . .  | 12.3   | 21.1                                  | 24.2                              | 17.6  |
| Engineers . . . . .   | 3.3  | 3.6                                   | 2.6                               | 2.6   |
| Medical/health . . . . .  | 1.0  | 1.6                                   | 5.5                               | 2.7   |
| Teachers, except college . . . . .  | 1.1  | 2.9                                   | 5.0                               | 3.3   |
| Other professional/technical . . . . .  | 7.0  | 13.0                                  | 11.1                              | 9.1   |
| Farmers, farm managers,<br>laborers, & foremen . . . . .                            | 2.2  | .5                                    | 1.8                               | 1.9   |
| Managers & administrators . . . . .   | 5.1  | 11.9                                  | 8.7                               | 7.3   |
| Sales . . . . .   | 3.8  | 7.6                                   | 4.8                               | 4.9   |
| Clerical . . . . .  | 14.5   | 16.6                                  | 14.1                              | 14.3  |
| Craftsmen & kindred . . . . .   | 23.0   | 15.2                                  | 9.3                               | 15.5  |
| Operatives . . . . .  | 14.2   | 7.9                                   | 6.9                               | 10.8  |
| Service workers, domestics, &<br>nonfarm laborers . . . . .                         | 11.9   | 7.4                                   | 13.6                              | 12.1  |
| Unemployed or not in labor force . . . . .  | 12.9   | 11.8                                  | 16.7                              | 15.6  |

<sup>1</sup> Q. 2. --Activity categories chosen by participants.

<sup>2</sup> Q. 1. --Activity categories assigned by coders.

<sup>3</sup> Excludes tabulations when complements were not specifically codable.

NOTE. --Percent detail may not add to 100.0 because of rounding. Furthermore, for unduplicated counts for the adult education items, percentages up columns may exceed 100.0 and row numbers, and numbers converted from percents across rows, may add to more than totals because a participant may have engaged in more than one activity. If the different activities were for different options within a question, the participant could have been tabulated for each option as appropriate. However, a participant with more than one activity for the same option was tabulated only once for that option. (Additionally, for question 12 the participant was permitted to respond to more than one option for the same activity.) All data cells were independently tabulated so that a participant was counted only once in a data cell. Thus, an unduplicated count of people was obtained within a data cell, and standard errors can be used.

APPENDIXES

A. Glossary

B. Selected References

C. Sample Selection and Standard Errors

D. Demographic Questions

E. Adult Education Survey Instruments

## GLOSSARY

Activities. See "organized instruction" and "duplicated count."

Adult basic education. Literacy education as normally taught in grades 1 through 8, with emphasis usually on reading, writing, arithmetic, and social skills, for persons beyond compulsory school age.

Adult education. All organized instruction for persons beyond compulsory school age who have terminated or interrupted their formal schooling and who are not available for regular full-time instruction.

Church-sponsored educational activities. Instructional activities, exclusive of worship services, generally held on days other than Sunday. See also "neighborhood centers."

Coded activity. The category assigned by an editor to the title entered by a participant in question 1 of the survey instrument.

Community organizations. Such agencies as the YMCA, Girl Scouts, Red Cross, and similar organizations which offer leadership training and other instructional activities for local residents. See also "neighborhood centers."

Correspondence course. Instruction conducted by mail, television, radio or by phonograph records.

Duplicated counts. The tabulation of every activity when a participant engaged in more than one. Thus counts are of activities and not of individual people. Standard errors cannot be used.

Eligible population. Noninstitutionalized resident civilians ages 17 and over, excluding persons ages 17-34 enrolled full time in regular school or college programs.

Full time. At least 12 semester or quarter credit hours in a college, university, or trade school.

Full-time student. A person age 17-34, enrolled full time in regular school or college program who is, therefore, ineligible for the adult education survey.

GED. General education development courses to prepare students for the high school equivalency examination.

Job training. Supervised work instruction provided by an employer during normal working hours of the occupation. Job training may be work-study to prepare adults for entrance into a specific occupation, supplementary training classes designed to update workers' skills and

knowledge in the field in which they are currently employed, or retraining of currently employed workers for new and different vocations. See also "professional refresher."

National adult population. Noninstitutionalized resident civilians ages 17 and over. Estimates were made by the Bureau of the Census from the Current Population Survey of the labor force and adjusted to exclude persons ages 14-16.

Nonparticipant. A person age 17 or over, who is not a regular full-time student nor engaged in any other organized instruction and who is, therefore, a potential adult education participant.

Neighborhood centers. Storefronts, parks, trailer courts, community or manpower centers, or other facilities which house educational activities sponsored by community agencies or instigated by local residents. Centers may offer pastime courses for housewives, but often provide remedial education for high school dropouts and college aspirants and vocational skills for job applicants. See also "church-sponsored educational activities" and "community organizations."

Organized instruction. Activities arranged to enhance learning in academic and occupational courses of any duration and at any level from basic orientation to professional refresher. Included are single sessions or multiple classes, workshops, seminars, institutes, lecture-discussion series, study groups, laboratories, shop courses, and other kinds of student-teacher instructional relationships.

Participant. A person age 17 or over who is not a regular full-time student and who is engaged in one or more activities of organized instruction. See also "unduplicated counts."

Part time. Less than 12 semester or quarter credit hours.

Perceived activity. A category selected by a participant from choices in question 2 of the survey instrument.

Professional refresher. Organized study carried on by practicing members of a profession (dentistry, education, engineering, law, medicine, etc.) as a means of keeping abreast of developments which directly affect their work. See also "job training."

Regular school. A school offering courses or activities leading toward an elementary school certificate, a high school diploma, or a college, university, or professional school degree.

SMSA. Standard metropolitan statistical area.

Sponsor. The person or organization which organizes educational courses or activities and recruits participants.

Tutoring or private instruction. Private music, art, or language lessons; also personal tutoring for school-related subjects.



Unduplicated count. The tabulation of a participant only once in a data cell no matter how many adult education activities he or she engages in. Thus an unduplicated count is obtained within a data cell and tabulation becomes a count of individual people. Standard errors can be used.

## SELECTED REFERENCES

- Executive Office of the President, Bureau of the Budget. Standard Industrial Classification Manual, 1967. Prepared by the Office of Statistical Standards. Washington, D.C.: U.S. Government Printing Office, 1967, 615 pp.
- Finch, Robert E. "Facing Up to Adult Education Needs," American Vocational Journal, (November 1968) pp. 38-40, 80.
- Goodwin, Robert C. "Locating Manpower Needs," American Vocational Journal, (September 1968) pp. 19-21, 66.
- Hiebert, Noble C. "A Superintendent Looks at Adult Education," Adult Leadership, (September 1968) pp. 118-120, 152.
- Johnstone, John W. C. and Rivera, Ramon J. Volunteers for Learning. National Opinion Research Center. Chicago: Aldine Publishing Company, 1965, 624 pp.
- Midwestern States Educational Information Project (MSEIP) Documentation of Project Development and General System Design. Revised June 1969. Des Moines: State of Iowa Department of Public Instruction, 1969, 370 pp.
- Okes, Imogene E. Participation in Adult Education, 1969: Initial Report. U.S. Department of Health, Education, and Welfare, Office of Education Catalogue No. HE5.213:13041. Washington, D.C.: U.S. Government Printing Office, 1961, 55 pp.
- Putman, John F. and Chismore, W. Dale. Standard Terminology for Curriculum and Instructional in Local and State School Systems. U.S. Department of Health, Education, and Welfare, Office of Education State Educational Records and Reports Series: Handbook VI (Preliminary Edition). Washington, D.C.: U.S. Government Printing Office, 1969, 767 pp.
- U.S. Department of Commerce. "Composition of Occupation Groups Used in Current Population Survey." Washington, D.C.: Bureau of the Census, June 1961 (Retyped January 1968), 9 pp.
- U.S. Department of Health, Education, and Welfare, Office of Education. A Taxonomy of Academic Disciplines. (Draft for review.) Washington, D.C.: National Center for Educational Statistics, 1969, 46 pp.
- \_\_\_\_\_; \_\_\_\_\_ and National Industrial Conference Board. 25 technical careers you can learn in 2 years or less. Washington, D.C., 1969, 6 pp.

\_\_\_\_\_; \_\_\_\_\_ and U.S. Department of Labor, Manpower Administration. Vocational Education and Occupations. No. OE-80061. Washington, D.C.: U.S. Government Printing Office, 1969, 292 pp.

\_\_\_\_\_; Public Health Service. Health Resources Statistics--Health Manpower and Health Facilities, 1968. Publication No. 1509. Washington, D.C.: U.S. Government Printing Office, 1965, 809 pp.

U.S. Department of Labor, Bureau of Labor Statistics. Occupational Employment Patterns for 1960 and 1975. A Study Sponsored by the Manpower Administration. Bulletin No. 1599. Washington, D.C.: U.S. Government Printing Office, December 1968, 283 pp.

\_\_\_\_\_, \_\_\_\_\_. Occupational Outlook Handbook in Brief. A Preprint from Occupational Outlook Quarterly, Vol. 12, No. 2, May 1968. Washington, D.C., 16 pp.

\_\_\_\_\_, \_\_\_\_\_. Work Experience of the Population in 1966. Special Labor Force Report No. 91. Washington, D.C.: U.S. Government Printing Office, 1968. pp. 35-45, A-1 - A-29.

\_\_\_\_\_, \_\_\_\_\_ and U.S. Department of Commerce, Bureau of the Census. Concepts and Methods Used in Manpower Statistics from the Current Population Survey. Bureau of Labor Statistics Report No. 313. Bureau of the Census Current Population Reports, Series P-23, No. 22. Washington, D.C.: U.S. Government Printing Office, 1967, 20 pp.

\_\_\_\_\_, Manpower Administration. Dictionary of Occupational Titles, 1965. Vol. 1. 3rd ed. Washington, D.C.: U.S. Government Printing Office, 1965, 809 pp.

Wann, Marie D. and Woodward, Marthine V. Participation in Adult Education. U.S. Department of Health, Education, and Welfare; Office of Education Circular No. 539. Washington, D.C.: U.S. Government Printing Office, 1959. 36 pp.

## SAMPLE SELECTION AND STANDARD ERRORS

The sample for the adult education survey for the Office of Education is the same as for the employment survey for the Bureau of Labor Statistics. The Bureau of the Census designed the sample and collected the data as part of the Current Population Survey (CPS).

A detailed description of the sampling procedures for the CPS is given in a 1967 report published jointly by the Bureau of Labor Statistics and the Bureau of the Census<sup>1</sup>. The method of determining the sample for the monthly Current Population Survey has evolved with experience since 1943 when the CPS was first placed on a sound probability sampling basis.

### Sample Selection

In 1969 the sample for the Current Population Survey was spread over 449 areas comprising 863 counties and independent cities with coverage in each of the 50 States and the District of Columbia. Approximately 50,000 occupied housing units were designated for interview each month. Of this number, 2,250 occupied units, on the average, were visited, but interviews were not obtained because the occupants were not found at home after repeated calls or were unavailable for some other reason. In addition to the 50,000 occupied housing units, there were about 8,500 sample units in an average month which were visited but were found to be vacant.

The estimating procedure used in this survey involved the inflation of the weighted sample results to independent estimates of the civilian noninstitutionalized population of the United States by age, race, and sex. These independent estimates were based on statistics from the 1960 Census of Population; statistics of births, deaths, immigration, and emmigration; and statistics on the strength of the Armed Forces.

The monthly CPS interviews cover about 105,000 persons age 16<sup>2</sup> and over. In May 1969 when this survey was taken, the sample ratio was 1 to 1,170 persons.

---

<sup>1</sup> U.S. Department of Labor, Bureau of Labor Statistics, and U.S. Department of Commerce, Bureau of the Census, Concepts and Methods Used in Manpower Statistics from the Current Population Survey. Bureau of Labor Statistics Report No. 313. Bureau of Census Current Population Reports, Series P-23, No. 22. Washington, D.C.: U.S. Government Printing Office, (June 1967) 20 pp.

<sup>2</sup> Labor force data are collected for persons age 16 and over. The first screener question (appendix E) identified persons age 17 and over, beyond compulsory school age, for the adult education survey.

## Procedure Used to Derive the Sampling Errors

The following procedure was used by the Bureau of the Census Statistical Methods Division to derive the standard errors for the May 1969 survey of adult education.

First, 44 educational attainment and adult education items were selected for study. The items consisted of educational characteristics by age and race and covered populations ranging in size from about 100, 000 to 140, 000, 000 persons. Relvariances<sup>3</sup> for each of these items were computed using the Keyfitz method of estimating variances.<sup>4</sup> A least-squares method of curve-fitting was applied to the estimates and their relvariances.<sup>5</sup> Several different curves were fitted using various subsets of points. For example, items were grouped by total or white population, black or other races, persons age 25 and over, age 25-64, persons with 8 years of school or less, with 3 years of high school or less, with at least 1 year of high school, with at least 4 years of high school, with at least 1 year of college, and with at least 4 years of college.

The resulting set of generalized curves were of the form  $V_x^2 = a + \frac{b}{x}$  where  $x$  is the estimate of a characteristic, and  $V_x^2$  is the relvariance of the estimate.

It was finally determined that two sets of curves would represent the behavior of the sampling errors fairly well. Accordingly, two sets of generalized standard error tables were proposed, one for "Total or White" characteristics and another for "Black or Other Races."

## Reliability of the Estimates

Since the estimates are based on a sample, they may differ somewhat from figures that would have been obtained had a complete census been taken using the same schedules, instructions, and enumerators. As in any survey, the results are subject to errors of response and of reporting as well as to sampling variability.

The standard error is primarily a measure of sampling variability, that is, of the variations that occur by chance because a sample rather than the whole of the population is surveyed. As calculated for this survey, the standard error also partially measures the effect of response and enumeration errors but does not measure any systematic biases in the data. The chances are about 68 out of 100 that an estimate from the sample would differ from a complete census figure by less than the standard error. The chances are about 95 out of 100 that the difference would be less than twice the standard error.

<sup>3</sup> The relvariance is equal to the variance divided by the estimate squared.

<sup>4</sup> For explanation of the general theory behind this variance estimation method, see Tepping, Benjamin J., "Variance Estimation in Complex Surveys," at 128th Annual Meeting, ASA, 1968.

<sup>5</sup> Hansen, Hurwitz, and Madow, Sample Survey Methods and Theory, Vol. I, (New York: John Wiley & Sons, 1953).

## Illustrations of the Use of Tables of Standard Errors

### A. Estimate of Number of Persons

In May 1969, 7,788,000 persons were college graduates (excluding postgraduates) (derived from table 1). The standard error of an estimate of this size is approximately 122,000 (calculated from table A). The chances are 95 out of 100 that the estimate would have been a figure differing from a complete census by less than 244,000 (twice the standard error).

### B. Estimate of Number of Persons

Of these 7,788,000 college graduates, 1,983,000 or 25.5 percent were participants in adult education. Table C shows the standard error of 25.5 percent on a base of 7,788,000 to be approximately 0.7 percentage points. Consequently, chances are 68 out of 100 that the estimated 25.5 percent would be within 0.7 percentage points of a complete census figure, and chances are 95 out of 100 that the estimate would be within 1.4 percentage points of a census figure; i. e., this 95 percent confidence interval would be from 24.1 to 26.9 percent.

### C. Estimate of Difference Between Two Percentages

Of those persons who graduated from high school but did not go on to college, 11.3 percent were participants in adult education (derived from table 1).

Table C shows the standard error of 11.3 percent on a base of 44,680,000 to be approximately 0.2 percentage points. Since both the 25.5 percent estimate mentioned above and the 11.3 percent figure are based on samples, the estimated difference of 14.2 percent (25.5 - 11.3) is also subject to sampling error. A rough estimate of the standard error of the difference may be obtained by computing the square root of the sum of the squares of the two standard errors. Thus, the standard error of 14.2 percent difference is approximately 0.7 percent.<sup>6</sup> This method of estimating the sampling error of a difference will represent quite accurately the actual standard error for separate and uncorrelated characteristics. If, however, there is a high positive correlation between the two characteristics, the procedure will overestimate the total standard error. Using this procedure, the two-thirds confidence interval is from 13.5 to 14.9 percent, and a conclusion that the average percent difference derived from all possible samples lies within a range computed in this way would be correct roughly two-thirds of the time. Similarly, a conclusion that the average percent difference derived from all possible samples lies within the interval from 12.8 to 15.6 would correspond to 95 percent confidence. Therefore, we conclude that the difference of 14.2 percent is significantly different from zero at the 95 percent confidence level and that the percent participation for the college graduates is actually larger than the percent for high school graduates.

### D. Estimated Levels Greater than 50 Percent of an Age-Sex-Race Group

As pointed out in the section on sample selection, estimates by age, sex, and race are

---

<sup>6</sup>  $.7 = \sqrt{(.7)^2 + (.2)^2}$

independently derived totals and are not subject to any sampling error. Because of this use of ratio estimation, a published number representing a large proportion (usually more than 50 percent), of a given age-sex-race group will have a sampling error smaller than that found by using tables A or B directly. There were 68 age, sex, race groups used in the estimation procedure for this survey, consisting of 17 age groups by sex by the 2 race categories - "White" and "Black or Other Races." The 17 age groups were 14-15, 16-17, 18-19, 20-21, 22-24, 25-29, 30-34, 35-39, 40-44, 45-49, 50-54, 55-59, 60-64, 65-69, 70-74, 75 and over. Many of the summary statistics in this report represent major subsets of one or a combination of these age-sex-race groups. For such items, a closer approximation to the standard error can be obtained by looking up the standard error of the remainder of the age-sex-race group. Consider the following illustration.

Of all 22,728,000 persons in the 35-44 age group, 19,743,000, or 86.9 percent, were nonparticipants and full-time students (derived from table 1). This age category, 35-44, is a combination of 2 of the 17 age groups used in the ratio estimate. The approximate standard error of the 19,743,000 is found as follows:

Use table A to compute the standard error of 2,985,000 (the number of 35-44-year-olds who are participants in adult education; i. e., the complement of the estimate for which the sampling error is desired). The standard error of an estimate of this size is approximately 76,000. The 76,000 figure is used as the estimated standard error for the 19,743,000 figure. Consequently, the chances are 95 out of 100 that the estimate would have shown a figure differing from a complete census by less than 152,000, and this 95 percent interval would be 19,591,000 to 19,895,000 nonparticipants and full-time students ages 35-44.

Table A. --Standard errors of estimated numbers for total or white population:  
United States, May 1969

(68 chances out of 100)

| Size of estimate | Standard error | Size of estimate | Standard error |
|------------------|----------------|------------------|----------------|
| 10,000           | 4,500          | 500,000          | 32,000         |
| 25,000           | 7,200          | 1,000,000        | 45,000         |
| 35,000           | 8,500          | 2,500,000        | 71,000         |
| 50,000           | 10,200         | 5,000,000        | 100,000        |
| 75,000           | 12,400         | 10,000,000       | 140,000        |
| 100,000          | 14,400         | 25,000,000       | 214,000        |
| 250,000          | 23,000         | 50,000,000       | 253,000        |

Table B. --Standard errors of estimated numbers for black or other races:  
United States, May 1969

(68 chances out of 100)

| Size of estimate | Standard error | Size of estimate | Standard error |
|------------------|----------------|------------------|----------------|
| 10,000           | 5,300          | 75,000           | 14,400         |
| 15,000           | 6,500          | 100,000          | 16,600         |
| 20,000           | 7,500          | 250,000          | 26,000         |
| 25,000           | 8,300          | 500,000          | 37,000         |
| 30,000           | 9,100          | 1,000,000        | 51,000         |
| 35,000           | 9,900          | 2,500,000        | 75,000         |
| 40,000           | 10,600         | 5,000,000        | 92,000         |
| 50,000           | 11,800         | 7,500,000        | 102,000        |
| 65,000           | 13,400         |                  |                |



Table C.--Standard errors of estimated percentages for total or white population: United States, May 1964

(68 chances out of 100)

| Estimated percentage | Base of percentage (thousands) |      |     |     |     |     |     |     |      |      |      |        |
|----------------------|--------------------------------|------|-----|-----|-----|-----|-----|-----|------|------|------|--------|
|                      | 25                             | 50   | 75  | 100 | 250 | 350 | 500 | 750 | 1000 | 2500 | 5000 | 10 000 |
| 1 or 99 . . .        | 2.0                            | 2.0  | 1.7 | 1.4 | .9  | .8  | .6  | .5  | .5   | .3   | .2   | .1     |
| 2 or 98 . . .        | 3.0                            | 2.8  | 2.3 | 2.0 | 1.3 | 1.1 | .9  | .7  | .6   | .4   | .3   | .2     |
| 5 or 95 . . .        | 4.3                            | 4.4  | 3.6 | 3.1 | 2.0 | 1.7 | 1.4 | 1.1 | 1.0  | .6   | .4   | .3     |
| 10 or 90 . . .       | 5.6                            | 6.1  | 5.0 | 4.3 | 2.7 | 2.3 | 1.9 | 1.6 | 1.4  | .9   | .6   | .4     |
| 15 or 85 . . .       | 10.3                           | 7.3  | 5.9 | 5.1 | 3.2 | 2.7 | 2.3 | 1.9 | 1.6  | 1.0  | .7   | .5     |
| 20 or 80 . . .       | 13.5                           | 8.1  | 6.6 | 5.7 | 3.6 | 3.1 | 2.6 | 2.1 | 1.8  | 1.1  | .8   | .5     |
| 25 or 75 . . .       | 12.4                           | 8.8  | 7.2 | 6.2 | 3.9 | 3.3 | 2.8 | 2.3 | 2.0  | 1.2  | .9   | .6     |
| 50 . . . . .         | 14.4                           | 10.2 | 8.3 | 7.2 | 4.5 | 3.8 | 3.2 | 2.6 | 2.3  | 1.4  | 1.0  | .7     |

- Less than 0.1

Table D.--Standard errors of estimated percentages for black or other races: United States, May 1964

(68 chances out of 100)

| Estimated percentage | Base of percentage (thousands) |      |      |     |     |     |     |     |     |     |      |      |
|----------------------|--------------------------------|------|------|-----|-----|-----|-----|-----|-----|-----|------|------|
|                      | 10                             | 25   | 50   | 75  | 100 | 150 | 200 | 250 | 350 | 500 | 1000 | 2500 |
| 1 or 99 . . . . .    | 5.3                            | 3.3  | 2.4  | 1.9 | 1.7 | 1.4 | 1.2 | 1.1 | .9  | .7  | .5   | .3   |
| 2 or 98 . . . . .    | 7.4                            | 4.7  | 3.3  | 2.7 | 2.3 | 1.9 | 1.7 | 1.5 | 1.3 | 1.0 | .7   | .5   |
| 5 or 95 . . . . .    | 11.5                           | 7.3  | 5.1  | 4.2 | 3.6 | 3.0 | 2.6 | 2.3 | 1.9 | 1.6 | 1.0  | .4   |
| 10 or 90 . . . . .   | 15.9                           | 10.0 | 7.1  | 5.8 | 5.0 | 4.1 | 3.5 | 3.2 | 2.7 | 2.3 | 1.4  | .6   |
| 15 or 85 . . . . .   | 18.9                           | 11.9 | 8.4  | 6.9 | 6.0 | 4.9 | 4.2 | 3.8 | 3.2 | 2.7 | 1.9  | .8   |
| 20 or 80 . . . . .   | 21.1                           | 13.4 | 9.5  | 7.7 | 6.7 | 5.5 | 4.7 | 4.2 | 3.6 | 3.0 | 2.1  | .9   |
| 25 or 75 . . . . .   | 22.9                           | 14.5 | 10.2 | 8.4 | 7.2 | 5.9 | 5.1 | 4.6 | 3.9 | 3.2 | 2.3  | .7   |
| 50 . . . . .         | 26.4                           | 16.7 | 11.8 | 9.6 | 8.4 | 6.8 | 5.9 | 5.3 | 4.5 | 3.7 | 2.6  | .8   |

## Special Standard Errors for Income Data

Income data were not collected in May 1969. Instead, data were used from the annual detail survey of family income conducted in March. Households from the March and May samples matched in only four of the eight rotation groups. Allowing for noninterviews and mismatches, about 42 percent of the March income sample matched the May adult education sample. Therefore, the standard errors provided in the preceding pages are not appropriate for the income items. The following tables of standard errors are to be applied to this set of characteristics. These standard errors were computed by multiplying the preceding standard errors by the square root of 2.5.

Table E.--Standard errors of estimated numbers (income items only) for  
total or white population: United States, May 1969  
(68 chances out of 100)

| Size of<br>estimate | Standard<br>error | Size of<br>estimate | Standard<br>error |
|---------------------|-------------------|---------------------|-------------------|
| 25,000              | 11,400            | 2,500,000           | 112,000           |
| 50,000              | 16,100            | 5,000,000           | 158,000           |
| 100,000             | 23,000            | 10,000,000          | 218,000           |
| 250,000             | 36,000            | 25,000,000          | 322,000           |
| 500,000             | 51,000            | 50,000,000          | 400,000           |
| 1,000,000           | 71,000            |                     |                   |

Table F.--Standard errors of estimated numbers (income items only) for  
black or other races: United States, May 1969  
(68 chances out of 100)

| Size of<br>estimate | Standard<br>error | Size of<br>estimate | Standard<br>error |
|---------------------|-------------------|---------------------|-------------------|
| 10,000              | 9,200             | 250,000             | 41,000            |
| 25,000              | 13,100            | 500,000             | 58,000            |
| 35,000              | 15,600            | 1,000,000           | 81,000            |
| 50,000              | 18,600            | 2,500,000           | 120,000           |
| 75,000              | 23,000            | 5,000,000           | 152,000           |
| 100,000             | 26,000            | 7,500,000           | 161,000           |

Table G. --Standard errors of estimated percentages (income items only) for total or white population: United States, May 1969

(68 chances out of 100)

| Estimated percentage | Base of percentage (thousands) |     |     |      |      |      |        |        |        |         |
|----------------------|--------------------------------|-----|-----|------|------|------|--------|--------|--------|---------|
|                      | 100                            | 250 | 500 | 1000 | 2500 | 5000 | 10,000 | 25,000 | 50,000 | 100,000 |
| 2 or 98 . . . .      | 3.2                            | 2.1 | 1.4 | .9   | .6   | .5   | .3     | .2     | .2     | .2      |
| 5 or 95 . . . .      | 4.9                            | 3.2 | 2.2 | 1.6  | .9   | .6   | .5     | .3     | .2     | .2      |
| 10 or 90 . . . .     | 6.8                            | 4.3 | 3.0 | 2.2  | 1.4  | .9   | .6     | .5     | .3     | .2      |
| 25 or 75 . . . .     | 9.8                            | 6.2 | 4.4 | 3.2  | 1.9  | 1.4  | .9     | .6     | .5     | .3      |
| 50 . . . . .         | 11.4                           | 7.1 | 5.1 | 3.6  | 2.2  | 1.6  | 1.1    | .8     | .5     | .3      |

Table H. --Standard errors of estimated percentages (income items only) for black or other races: United States, May 1969

(68 chances out of 100)

| Estimated percentage | Base of percentage (thousands) |      |     |     |       |       |       |        |        |         |
|----------------------|--------------------------------|------|-----|-----|-------|-------|-------|--------|--------|---------|
|                      | 50                             | 100  | 250 | 500 | 1,000 | 2,500 | 5,000 | 10,000 | 50,000 | 100,000 |
| 2 or 98 . . . .      | 5.2                            | 3.6  | 2.4 | 1.6 | 1.1   | .8    | .5    | .3     | .5     | .3      |
| 5 or 95 . . . .      | 8.1                            | 5.7  | 3.6 | 2.5 | 1.9   | 1.1   | .8    | .6     | .8     | .6      |
| 10 or 90 . . . .     | 11.2                           | 7.9  | 5.1 | 3.5 | 2.5   | 1.6   | 1.1   | .8     | 1.1    | .8      |
| 25 or 75 . . . .     | 16.1                           | 11.4 | 7.3 | 5.1 | 3.6   | 2.2   | 1.6   | 1.1    | 1.6    | 1.1     |
| 50 . . . . .         | 18.6                           | 13.3 | 8.4 | 5.8 | 4.1   | 2.7   | 1.9   | 1.3    | 1.9    | 1.3     |

## APPENDIX D

### DEMOGRAPHIC QUESTIONS

As the Adult Education Survey Instrument was a part of the May 1969 Current Population Survey (CPS), the regular CPS interviewers selected and trained by the Bureau of the Census were employed for collection of the data presented in this publication. This appendix contains the CPS questions that the interviewers asked to obtain personal information relevant to this report.

The socioeconomic items included age, regular school completed, race, sex, family income, work experience, occupation, length of time unemployed, veteran status, marital status, relationship to head of household, and geographic and urban-rural areas of residence.

SELECTED QUESTIONS FROM THE CENSUS BUREAU  
CPS-260 INTERVIEW CARD PERTINENT TO THE  
SURVEY ON PARTICIPATION IN ADULT EDUCATION,  
MAY 1969

|   |   |   |  |   |  |  |   |  |  |
|---|---|---|--|---|--|--|---|--|--|
| FORM CPS-260<br>(8-2-68)                          |   | U.S. DEPARTMENT OF COMMERCE<br>BUREAU OF THE CENSUS                               |  | NOTICE - Your report to the Census Bureau is confidential by law (Title 13 U.S. Code). It may be seen only by sworn Census employees and may be used only for statistical purposes. |  |  |   |  |  |
| <b>CURRENT POPULATION SURVEY<br/>CONTROL CARD</b> |   |   |  |   |  |  |   |  |  |
| Line number<br>(Circle 1, line No. of resp.)      | NAME (last name first)  | RELATIONSHIP TO<br>HOUSEHOLD HEAD   | HOUSE-<br>HOLD<br>MEM-<br>BER                    | What is . . . 's<br>date of birth?  |  |  | AGE LAST<br>BIRTHDAY  |  |  |
|   | What is the name of the head of this household?<br><br>What are the names of all other persons who are living or staying here?<br><br>(List all persons staying here and all persons who usually live here who are absent. Be sure to INCLUDE infants under 1 year of age.) | (Example: head, wife, son, daughter-in-law, partner, lodger, lodger's wife, etc.) | (Circle<br>Y - Yes<br><br>or<br>N - No)<br>(14c) | (Enter in numerals)<br>Month Day Year<br>(17a) (17b) (17c)  |  |  | Enter age as of end of survey week. If under 1 year of age, enter "0."<br>(18a) (18b) (18c) |  |  |
| (13)  | (14a)   | (14b)   |  |   |  |  |   |  |  |
| 1   |   |   | Y N  |   |  |  |   |  |  |
| 2   |   |   | Y N  |   |  |  |   |  |  |
| 3   |   |   | Y N  |   |  |  |   |  |  |
| 4   |   |   | Y N  |   |  |  |   |  |  |
| 5   |   |   | Y N  |   |  |  |   |  |  |
| 6   |   |   | Y N  |   |  |  |   |  |  |
| 7   |   |   | Y N  |   |  |  |   |  |  |

| FOR PERSONS WITH "YES" IN ITEM 14C   |   |   |  |  |  |   |               |                                     |  |
|--|---|---|--|--|--|---|---------------|-------------------------------------|--|
| M/MARITAL<br>STATUS<br>Is . . . now<br>married,<br>widowed,<br>divorced,<br>separated,<br>or has . . .<br>never been<br>married?<br>(M., Wd., D.<br>Sep., or NM)<br>(19) | RACE<br>(W.,<br>Neg.,<br>or<br>Ot.)<br>(20) | SEX<br>(Circle<br>M-<br>Male<br>or<br>F-<br>Female)<br>(21) | MALES 14 YRS.<br>AND OVER  |  | IF 14 YEARS OLD AND OVER   |   |               |                                     |  |
|  |   |   | Did . . .<br>ever<br>serve<br>in U.S.<br>Armed<br>Forces?<br>(22a) | Is . . .<br>now in<br>the<br>Armed<br>Forces?<br>If "Yes,"<br>enter AF<br>if "No,"<br>leave<br>blank<br>(23) | What is the<br>highest<br>grade (or<br>year) of<br>regular<br>school . . .<br>that<br>has ever<br>attended?<br>(Enter code<br>from below)<br>(24a) | Did . . .<br>com-<br>plete<br>that<br>grade<br>(year)?<br>(24b) | CODES FOR 24s |                                     |  |
|  |   |   |  |  |  |   |               | Never attended . . . O              |  |
|  |   |   |  |  |  |   |               | Kindergarten . . . . K              |  |
|  |   |   |  |  |  |   |               | Elementary . . E1-E8                |  |
|  |   |   |  |  |  |   |               | High School H1-H4                   |  |
|  |   |   |  |  |  |   |               | College<br>(Academic) C1-C5,<br>C6+ |  |
|  |   |   |  |  |  |   |               |                                     |  |
|  |   |   |  |  |  |   |               |                                     |  |
|  |   |   |  |  |  |   |               |                                     |  |
|  |   |   |  |  |  |   |               |                                     |  |

**33. TOTAL FAMILY INCOME IN PAST 12 MONTHS**

What was the total income of this family during the past 12 months? This includes wages and salaries, net income from business or farm, pensions, dividends, interest, rent, and any other money income received by the members of this family (Show Flashcard where needed)

A similar question was used to obtain the following categories of family income:

|                   |                   |
|-------------------|-------------------|
| Under \$3,000     | \$8,000 - \$9,999 |
| \$3,000 - \$4,999 | 10,000 - 14,999   |
| 5,000 - 6,999     | 15,000 - 24,999   |
| 7,000 - 7,999     | 25,000 and over   |

SELECTED QUESTIONS FROM THE CENSUS  
BUREAU CPS-1 INTERVIEW FORM RELEVANT  
TO THE SURVEY ON PARTICIPATION IN  
ADULT EDUCATION, MAY 1969

|  |   |
|--|---|
| FORM CPS-1<br>3 15 69<br>28 1                    | U.S. DEPARTMENT OF COMMERCE<br>Bureau of the Census |
| CURRENT POPULATION SURVEY                        |   |
| Form Approved<br>Budget Bureau No. 41 - R1202.14 | MAY 1969  |

|  |   |  |  |
|--|---|--|--|
| 18 Line No   | 20. Did . . . do any work or all<br>LAST WEEK, not counting<br>work around the house?<br>(Note: If farm or business operator<br>is AA, ask about unpaid work) | 21. (If I in 19, skip to 21A.)<br>Did . . . have a job or<br>business from which he<br>was temporarily absent or<br>on layoff LAST WEEK? | 22. (If LK in 19, skip to 22A.)<br>Has . . . been looking for work<br>during the past 4 weeks?   |
| 19. What was . . . doing most of<br>LAST WEEK.<br>Working<br>Keeping house<br>Going to school<br>or something else?  | Yes No (Go to 21)   | Yes No (Go to 22)  | Yes No (Go to 24)  |
| Working (Skip to 20A) WK<br>With a job but not at work J<br>Looking for work . . . LK<br>Keeping house . . . H<br>Going to school . . . S<br>Unable to work (Go to 24) U<br>Other (Specify) . . . OT | 20A. How many hours<br>did . . . work<br>LAST WEEK<br>or all jobs?  |  | 22C. 1) How many weeks has . . . been<br>looking for work?<br>2) How many weeks ago did . . . start<br>looking for work?<br>3) How many weeks ago was . . . laid<br>off? |

|  |  |
|--|--|
| 23 DESCRIPTION OF JOB OR BUSINESS  |  |
| 23A. For whom did . . . work? (Name of company, business, organization or other employer.)   |  |
| 23B What kind of business or industry is this? (For example: T <sub>1</sub> and radio mfg., retail shoe store, State Labor Dept., farm.) |  |
| 23C What kind of work was . . . doing? (For example: electrical engineer, stock clerk, typist, farmer.)                                  |  |
| 23D Was this person  |  |
| An employee of PRIVATE Co., bus., or individual for wages, salary or comm.   | P  |
| A GOVT. employee (Federal, State, or county)   | G  |
| Self-empl. in OWN bus., prof. practice, or farm  | O  |
| Working WITHOUT PAY in farm, bus. or farm  | WP   |
| NEVER WORKED   | NEV  |
|  | (If not a farm) Is the business incorporated? Yes No |

## ADULT EDUCATION SURVEY INSTRUMENTS

Screeners Questions to Determine Eligibility for the Adult Education Survey

In May 1969, three questions were added to the Current Population Survey (CPS) to determine eligibility for the adult education survey. To facilitate the identification of eligible persons, these three "screeners" questions (items 51, 52, and 53 on form CPS-1) described sources and kinds of adult education without use of tedious definitions, encouraged the household spokesman to respond realistically for everyone at the interview address, and enabled the Census Bureau interviewer to procure the information easily.

The first screener question, item 51, was designed to define "adults" by age. The lower age limit was set at 17 years in order to enumerate persons beyond compulsory school age (16 in almost all States). No upper age limit was established. To lead into the second screener question it was necessary to eliminate persons age 16 and under and to distinguish between persons age 17 through 34 and those age 35 and over.

The second objective was to eliminate full-time students, especially those in the younger age group likely to be attending high school, a technical institute, or a college or university. The second screener question, item 52, therefore ended questioning for persons age 17 through 34 attending or enrolled in regular school full time and directed persons age 35 and over to the next screener question.

For item 53, the Census Bureau interviewer asked each respondent, or proxy, to answer questions about adult education activities for himself or herself and for each member of the household. A 1-year period was established for the survey since problems of recall over a 12-month time span probably would not affect the returns to any great extent. To fix the time period, persons interviewed were asked to report any adult education activity "during the past 12 months, that is since May 1, a year ago." The question was written in seven parts, mentioning several possible sources or kinds of adult education. The respondent could answer "yes" to more than one category. The only place for an answer by full-time students age 35 or over was in the last item, "other." These persons could be identified later by the specific data they would supply about duration and credit in the Adult Education Survey Instrument (Census form 578).

Questionnaire for Participants in Adult Education

Persons for whom a "yes" response was given to any part of the third screener question, item 53, were asked to complete the Adult Education Survey Instrument. If the person was present at the time of the interview (week of May 19, 1969), the Census Bureau enumerator read the questions; if the person was absent, the adult education questionnaire was left at the household address for the respondent to complete and return by mail. If no reply was

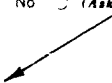
received, the Census Bureau enumerator attempted to collect the information by telephone, or on the next visit if the household member was in both the May and June samples.

In the Adult Education Survey Instrument, participants were asked not only what adult education they took, but also why, where, how much time they spent on it, whether or not credit was expected, and who paid for it.

## QUESTIONS TO DETERMINE PARTICIPATION IN ADULT EDUCATION

(Part of the Bureau of the Census Current Population Survey, May 1969)

From CPS-1

|   |   |
|---|---|
| <b>51. INTERVIEWER CHECK ITEM</b><br>How old is this person?<br>16 or under <input type="radio"/> (End Questions)<br>17 - 34 <input type="radio"/> (Ask 52)<br>35+ <input type="radio"/> (Skip to 53)                                       |   |
| <b>52. Is ... attending or enrolled in regular school full-time?</b><br>Yes <input type="radio"/> (End Questions)<br>No <input type="radio"/> (Ask 53)<br> |   |
| <b>53. During the past 12 months, that is since May 1, a year ago, has ...</b><br>(ASK AND MARK EACH CATEGORY)  |   |
| a. Taken any adult education classes in a public or private school?   | Yes <input type="checkbox"/><br>No <input type="checkbox"/> |
| b. Attended a college or university part time?  | Yes <input type="checkbox"/><br>No <input type="checkbox"/> |
| c. Taken any job training classes?  | Yes <input type="checkbox"/><br>No <input type="checkbox"/> |
| d. Taken a correspondence course?   | Yes <input type="checkbox"/><br>No <input type="checkbox"/> |
| e. Taken any classes or educational activities in a neighborhood center, church, or other community organization?   | Yes <input type="checkbox"/><br>No <input type="checkbox"/> |
| f. Taken any private instruction such as music lessons or language tutoring?  | Yes <input type="checkbox"/><br>No <input type="checkbox"/> |
| g. Any other educational activities or courses during the past 12 months?   | Yes <input type="checkbox"/><br>No <input type="checkbox"/> |
| NOTE: If response is "Yes" to any part of question 53, fill or leave Adult Education Form (CPS 578)   |   |





U.S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
WASHINGTON, D.C. 20233

FORM CPS-578 (3-17-69)

BUDGET BUREAU NO. 41-569022  
APPROVAL EXPIRES APRIL 1970

OFFICE OF THE DIRECTOR

Dear

The Department of Health, Education and Welfare has asked the Bureau of the Census to collect information about people participating in adult education activities. The statistical results from this survey will be used by public and private agencies and other groups which plan continuing education and occupational training programs.

During the interview today, it was reported that you participated in some type of organized adult education during the past twelve months. On the following pages, please enter **each** course or adult education activity in which you took part during the past year and answer the questions for each. Some examples of adult education activities are courses in accident prevention, adult basic education, auto mechanics, bridge, cooking, electronics, foreign languages, leadership, personnel management, race relations, real estate, speed reading, swimming, etc.

Within the next ~~three~~ days, please complete and return this questionnaire in the enclosed envelope, which requires no postage.

Your report to the Census Bureau is confidential by law (Title 13, U.S. Code). All information you provide will be seen only by sworn Census employees, and the results of the survey will be issued only in the form of statistical totals from which no individual can be identified.

Thank you for your cooperation.

Sincerely yours,

*A. Ross Eckler*

A. Ross Eckler  
Director  
Bureau of the Census

|                              |                     |     |      |      |                            |                            |      |      |
|------------------------------|---------------------|-----|------|------|----------------------------|----------------------------|------|------|
| FOR<br>CENSUS<br>USE<br>ONLY | Interviewer<br>code | CC6 | CC13 | CC18 | CC20                       | CC21                       | N.R. | F.E. |
|                              |                     |     |      |      | <input type="checkbox"/> 1 | <input type="checkbox"/> 1 |      |      |
|                              |                     |     |      |      | <input type="checkbox"/> 2 | <input type="checkbox"/> 2 |      |      |
|                              |                     |     |      |      | <input type="checkbox"/> 3 |                            |      |      |

USC OMM-DC

| ADULT EDUCATION SURVEY  |  | NOTE Please complete the first column   |
|---|--|---|
|   |  | EXAMPLE   |
| 1. What was the name of this course or activity? _____  |  | Name of course<br><u>Spanish</u>  |
| 2. Which one of these general categories best describes this course or activity?<br>(Mark only one)     | 1. Adult basic education (reading, arithmetic) .....<br>2. Americanization .....<br>3. High school and college courses for credit .....<br>4. Technical and vocational skills .....<br>5. Managerial skills .....<br>6. Professional skills .....<br>7. Civic and public affairs .....<br>8. Religion .....<br>9. Safety .....<br>10. Home and family living .....<br>11. Personal development .....<br>12. Hobbies and handicrafts .....<br>13. Sports and recreation .....<br>14. Other (Describe) ..... | 1 <input type="checkbox"/><br>2 <input type="checkbox"/><br>3 <input checked="" type="checkbox"/><br>4 <input type="checkbox"/><br>5 <input type="checkbox"/><br>6 <input type="checkbox"/><br>7 <input type="checkbox"/><br>8 <input type="checkbox"/><br>9 <input type="checkbox"/><br>10 <input type="checkbox"/><br>11 <input type="checkbox"/><br>12 <input type="checkbox"/><br>13 <input type="checkbox"/><br>14 <input type="checkbox"/> Describe |
| 3. Why did you take this course or activity?<br>(Mark the main reason)                                  | 1. For general information .....<br>2. To improve or advance in job .....<br>3. To get a new job .....<br>What kind? (Be as specific as possible) .....<br>4. For community activity .....<br>5. For personal or family interests .....<br>6. For social or recreational reasons .....<br>7. Other (Describe) .....  | 1 <input checked="" type="checkbox"/><br>2 <input type="checkbox"/><br>3 <input type="checkbox"/><br>4 <input type="checkbox"/><br>5 <input type="checkbox"/><br>6 <input type="checkbox"/><br>7 <input type="checkbox"/> Describe  |
| 4. Who gave this course or sponsored this activity?<br>(Mark one)                                       | 1. Public grade school or high school .....<br>2. Public two-year college or technical institute .....<br>3. Private vocational, trade or business school .....<br>4. Four-year college or university .....<br>5. Employer .....<br>6. Community organization .....<br>7. Other (Describe) .....   | 1 <input checked="" type="checkbox"/><br>2 <input type="checkbox"/><br>3 <input type="checkbox"/><br>4 <input type="checkbox"/><br>5 <input type="checkbox"/><br>6 <input type="checkbox"/><br>7 <input type="checkbox"/> Describe  |
| 5. Where did this course, class or activity USUALLY take place?<br>(Mark one)                           | 1. School or college building .....<br>2. Community center .....<br>3. Church .....<br>4. Place of work .....<br>5. Private home .....<br>6. Other (Describe) .....  | 1 <input checked="" type="checkbox"/><br>2 <input type="checkbox"/><br>3 <input type="checkbox"/><br>4 <input type="checkbox"/><br>5 <input type="checkbox"/><br>6 <input type="checkbox"/> Describe  |
| 6. How was this course or activity conducted?<br>(Mark as many as apply)                                | 1. Lecture or class .....<br>2. Workshop or discussion group .....<br>3. Individual instruction .....<br>4. Organized training on the job .....<br>5. Correspondence .....<br>6. TV or radio .....<br>7. Other (Describe) .....  | 1 <input checked="" type="checkbox"/><br>2 <input type="checkbox"/><br>3 <input type="checkbox"/><br>4 <input type="checkbox"/><br>5 <input type="checkbox"/><br>6 <input type="checkbox"/><br>7 <input type="checkbox"/> Describe  |
| 7. How many HOURS A WEEK were you SCHEDULED to attend the course or take part in the activity?          | Hours per week .....<br>Note: If this is an "unscheduled" activity such as a correspondence course, enter average hours spent per week.  | <u>3</u> Hours  |
| 8. How many weeks was this course scheduled to run?   | Number of weeks (duration) .....   | <u>10</u> Weeks   |
| 9. Altogether, about how many hours did you spend on this course or activity during the past 12 months? | 1. Instruction time .....<br>2. Homework .....   | 1. <u>27</u> Hours<br>2. <u>40</u> Hours  |
| 10. Did you complete this course?<br>(If "No," enter the number of weeks attended.)                     | 1. Yes .....<br>2. No, still taking the course (weeks attended) .....<br>3. No, dropped it (weeks attended) .....  | 1 <input type="checkbox"/><br>2 <input checked="" type="checkbox"/> <u>9</u> Weeks<br>3 <input type="checkbox"/> _____ Weeks  |
| 11. What kind of credit did you get, or do you expect to get, for this course or activity?              | 1. No credit .....<br>2. Credit toward 8th grade certificate .....<br>3. Credit toward high school completion .....<br>4. Credit toward skill certificate or license .....<br>5. Credit toward college degree .....<br>6. Other credit (Describe) .....  | 1. <input checked="" type="checkbox"/><br>2 <input type="checkbox"/><br>3 <input type="checkbox"/><br>4 <input type="checkbox"/><br>5 <input type="checkbox"/><br>6 <input type="checkbox"/> Describe   |
| 12. Who paid for this course or activity?<br>(Mark all that apply)                                      | 1. Self or family .....<br>2. Employer .....<br>3. Other (Describe) .....<br>4. Don't know .....   | 1. <input checked="" type="checkbox"/><br>2 <input type="checkbox"/><br>3 <input type="checkbox"/> Describe<br>4 <input type="checkbox"/>   |

FORM 976 (3-74 69)

a separate column for each course or activity in which you participated during the past 12 months. The entries in are an example of how the form should be filled.

| 1                           | 2                           | 3                           | 4                           |
|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Name of course              | Name of course              | Name of course              | Name of course              |
| 1 <input type="checkbox"/>  | 1 <input type="checkbox"/>  | 1 <input type="checkbox"/>  | 1 <input type="checkbox"/>  |
| 2 <input type="checkbox"/>  | 2 <input type="checkbox"/>  | 2 <input type="checkbox"/>  | 2 <input type="checkbox"/>  |
| 3 <input type="checkbox"/>  | 3 <input type="checkbox"/>  | 3 <input type="checkbox"/>  | 3 <input type="checkbox"/>  |
| 4 <input type="checkbox"/>  | 4 <input type="checkbox"/>  | 4 <input type="checkbox"/>  | 4 <input type="checkbox"/>  |
| 5 <input type="checkbox"/>  | 5 <input type="checkbox"/>  | 5 <input type="checkbox"/>  | 5 <input type="checkbox"/>  |
| 6 <input type="checkbox"/>  | 6 <input type="checkbox"/>  | 6 <input type="checkbox"/>  | 6 <input type="checkbox"/>  |
| 7 <input type="checkbox"/>  | 7 <input type="checkbox"/>  | 7 <input type="checkbox"/>  | 7 <input type="checkbox"/>  |
| 8 <input type="checkbox"/>  | 8 <input type="checkbox"/>  | 8 <input type="checkbox"/>  | 8 <input type="checkbox"/>  |
| 9 <input type="checkbox"/>  | 9 <input type="checkbox"/>  | 9 <input type="checkbox"/>  | 9 <input type="checkbox"/>  |
| 10 <input type="checkbox"/> | 10 <input type="checkbox"/> | 10 <input type="checkbox"/> | 10 <input type="checkbox"/> |
| 11 <input type="checkbox"/> | 11 <input type="checkbox"/> | 11 <input type="checkbox"/> | 11 <input type="checkbox"/> |
| 12 <input type="checkbox"/> | 12 <input type="checkbox"/> | 12 <input type="checkbox"/> | 12 <input type="checkbox"/> |
| 13 <input type="checkbox"/> | 13 <input type="checkbox"/> | 13 <input type="checkbox"/> | 13 <input type="checkbox"/> |
| 14 <input type="checkbox"/> | 14 <input type="checkbox"/> | 14 <input type="checkbox"/> | 14 <input type="checkbox"/> |
| Describe                    | Describe                    | Describe                    | Describe                    |
| 1 <input type="checkbox"/>  | 1 <input type="checkbox"/>  | 1 <input type="checkbox"/>  | 1 <input type="checkbox"/>  |
| 2 <input type="checkbox"/>  | 2 <input type="checkbox"/>  | 2 <input type="checkbox"/>  | 2 <input type="checkbox"/>  |
| 3 <input type="checkbox"/>  | 3 <input type="checkbox"/>  | 3 <input type="checkbox"/>  | 3 <input type="checkbox"/>  |
| 4 <input type="checkbox"/>  | 4 <input type="checkbox"/>  | 4 <input type="checkbox"/>  | 4 <input type="checkbox"/>  |
| 5 <input type="checkbox"/>  | 5 <input type="checkbox"/>  | 5 <input type="checkbox"/>  | 5 <input type="checkbox"/>  |
| 6 <input type="checkbox"/>  | 6 <input type="checkbox"/>  | 6 <input type="checkbox"/>  | 6 <input type="checkbox"/>  |
| 7 <input type="checkbox"/>  | 7 <input type="checkbox"/>  | 7 <input type="checkbox"/>  | 7 <input type="checkbox"/>  |
| Describe                    | Describe                    | Describe                    | Describe                    |
| 1 <input type="checkbox"/>  | 1 <input type="checkbox"/>  | 1 <input type="checkbox"/>  | 1 <input type="checkbox"/>  |
| 2 <input type="checkbox"/>  | 2 <input type="checkbox"/>  | 2 <input type="checkbox"/>  | 2 <input type="checkbox"/>  |
| 3 <input type="checkbox"/>  | 3 <input type="checkbox"/>  | 3 <input type="checkbox"/>  | 3 <input type="checkbox"/>  |
| 4 <input type="checkbox"/>  | 4 <input type="checkbox"/>  | 4 <input type="checkbox"/>  | 4 <input type="checkbox"/>  |
| 5 <input type="checkbox"/>  | 5 <input type="checkbox"/>  | 5 <input type="checkbox"/>  | 5 <input type="checkbox"/>  |
| 6 <input type="checkbox"/>  | 6 <input type="checkbox"/>  | 6 <input type="checkbox"/>  | 6 <input type="checkbox"/>  |
| 7 <input type="checkbox"/>  | 7 <input type="checkbox"/>  | 7 <input type="checkbox"/>  | 7 <input type="checkbox"/>  |
| Describe                    | Describe                    | Describe                    | Describe                    |
| 1 <input type="checkbox"/>  | 1 <input type="checkbox"/>  | 1 <input type="checkbox"/>  | 1 <input type="checkbox"/>  |
| 2 <input type="checkbox"/>  | 2 <input type="checkbox"/>  | 2 <input type="checkbox"/>  | 2 <input type="checkbox"/>  |
| 3 <input type="checkbox"/>  | 3 <input type="checkbox"/>  | 3 <input type="checkbox"/>  | 3 <input type="checkbox"/>  |
| 4 <input type="checkbox"/>  | 4 <input type="checkbox"/>  | 4 <input type="checkbox"/>  | 4 <input type="checkbox"/>  |
| 5 <input type="checkbox"/>  | 5 <input type="checkbox"/>  | 5 <input type="checkbox"/>  | 5 <input type="checkbox"/>  |
| 6 <input type="checkbox"/>  | 6 <input type="checkbox"/>  | 6 <input type="checkbox"/>  | 6 <input type="checkbox"/>  |
| Describe                    | Describe                    | Describe                    | Describe                    |
| 1 <input type="checkbox"/>  | 1 <input type="checkbox"/>  | 1 <input type="checkbox"/>  | 1 <input type="checkbox"/>  |
| 2 <input type="checkbox"/>  | 2 <input type="checkbox"/>  | 2 <input type="checkbox"/>  | 2 <input type="checkbox"/>  |
| 3 <input type="checkbox"/>  | 3 <input type="checkbox"/>  | 3 <input type="checkbox"/>  | 3 <input type="checkbox"/>  |
| 4 <input type="checkbox"/>  | 4 <input type="checkbox"/>  | 4 <input type="checkbox"/>  | 4 <input type="checkbox"/>  |
| 5 <input type="checkbox"/>  | 5 <input type="checkbox"/>  | 5 <input type="checkbox"/>  | 5 <input type="checkbox"/>  |
| 6 <input type="checkbox"/>  | 6 <input type="checkbox"/>  | 6 <input type="checkbox"/>  | 6 <input type="checkbox"/>  |
| 7 <input type="checkbox"/>  | 7 <input type="checkbox"/>  | 7 <input type="checkbox"/>  | 7 <input type="checkbox"/>  |
| Describe                    | Describe                    | Describe                    | Describe                    |
| Hours                       | Hours                       | Hours                       | Hours                       |
| Weeks                       | Weeks                       | Weeks                       | Weeks                       |
| 1 Hours                     | 1 Hours                     | 1 Hours                     | 1 Hours                     |
| 2 Hours                     | 2 Hours                     | 2 Hours                     | 2 Hours                     |
| 1 Weeks                     | 1 Weeks                     | 1 Weeks                     | 1 Weeks                     |
| 2 Weeks                     | 2 Weeks                     | 2 Weeks                     | 2 Weeks                     |
| 3 Weeks                     | 3 Weeks                     | 3 Weeks                     | 3 Weeks                     |
| 1 <input type="checkbox"/>  | 1 <input type="checkbox"/>  | 1 <input type="checkbox"/>  | 1 <input type="checkbox"/>  |
| 2 <input type="checkbox"/>  | 2 <input type="checkbox"/>  | 2 <input type="checkbox"/>  | 2 <input type="checkbox"/>  |
| 3 <input type="checkbox"/>  | 3 <input type="checkbox"/>  | 3 <input type="checkbox"/>  | 3 <input type="checkbox"/>  |
| 4 <input type="checkbox"/>  | 4 <input type="checkbox"/>  | 4 <input type="checkbox"/>  | 4 <input type="checkbox"/>  |
| 5 <input type="checkbox"/>  | 5 <input type="checkbox"/>  | 5 <input type="checkbox"/>  | 5 <input type="checkbox"/>  |
| 6 <input type="checkbox"/>  | 6 <input type="checkbox"/>  | 6 <input type="checkbox"/>  | 6 <input type="checkbox"/>  |
| Describe                    | Describe                    | Describe                    | Describe                    |
| 1 <input type="checkbox"/>  | 1 <input type="checkbox"/>  | 1 <input type="checkbox"/>  | 1 <input type="checkbox"/>  |
| 2 <input type="checkbox"/>  | 2 <input type="checkbox"/>  | 2 <input type="checkbox"/>  | 2 <input type="checkbox"/>  |
| 3 <input type="checkbox"/>  | 3 <input type="checkbox"/>  | 3 <input type="checkbox"/>  | 3 <input type="checkbox"/>  |
| 4 <input type="checkbox"/>  | 4 <input type="checkbox"/>  | 4 <input type="checkbox"/>  | 4 <input type="checkbox"/>  |
| Describe                    | Describe                    | Describe                    | Describe                    |

## RELATED NCES PUBLICATIONS

- |             |  |
|-------------|--|
| OE-13035    | Adult Basic Education Program Statistics: Students and Staff Data, July 1, 1967 - June 30, 1968  |
| OE-13037    | Adult Basic Education Program Statistics: Students and Staff Data, July 1, 1968 - June 30, 1969  |
| OE-13037-70 | Adult Basic Education Program Statistics: Students and Staff Data, July 1, 1969 - June 30, 1970  |
| OE-73-11413 | Adult Basic Education Program Statistics: Students and Staff Data, July 1, 1970 - June 30, 1971  |
| OE-74-11413 | Adult Basic Education Program Statistics: Students and Staff Data, July 1, 1971 - June 30, 1972 and Selected Summaries of Fiscal Years 1968 - 72 |
| 1780-01323  | Adult Education in Public School Systems, 1968 - 69 and 1969 - 70<br><br>Adult Education in Community Organizations, 1972                        |
| OE-73-11700 | Guidelines for Identifying, Classifying, and Serving the Disadvantaged and Handicapped Under the Vocational Education Amendments of 1968         |
| OE-80069    | Inventory of Vocational Education Statistics Available in Federal Agencies, 1970   |
| OE-13036    | Noncredit Activities in Institutions of Higher Education, 1967-68, Institutional Distribution  |
| OE-13036-68 | Noncredit Activities in Institutions of Higher Education, 1967-68, Registrations   |
| OE-73-11405 | Noncredit Activities in Institutions of Higher Education, 1967-68, Professional and Technical Refresher Courses                                  |
| OE-13041    | Participation in Adult Education, 1969: Initial Report   |
| OE-80073    | Vocational Education: Characteristics of Teachers and Students, 1969   |
| 1780-01322  | Vocational Education: Characteristics of Students and Staff, 1972  |
| OE-73-11409 | Vocational Education: Directory of Secondary Schools With Occupational Curriculums, Public-Nonpublic, 1971                                       |
| OE-73-11410 | Vocational Education: Directory of Postsecondary Schools With Occupational Programs, Public and Private, 1971                                    |